19980113.qrp v00_n969.qrs.980113

Date: Tue, 13 Jan 1998 19:04:02 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 969

QRP-L Digest 969

Topics covered in this issue include:

  1) [717] Still FS:QRP Gear
     by "Wilford D. Lindsey" <70511.3041@compuserve.com>
  2) [718] Making UR Own QSL Cards
     by DENNIS MO <DENNISMO@aol.com>
  3) [719] HP412A DC Volt Meter
     by JkHampton <JkHampton@aol.com>
  4) [720] Dan's Small Parts and Kits
     by Jerry Parker <jparker@fix.net>
  5) [721] Re: Internat Access Phone Company Surcharges????
     by Rich Wilkerson <richqrp@home.com>
  6) [722] Re: Internat Access Phone Company Surcharges????
     by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
  7) [723] Re: Radio Havana on 10M?
     by Mike Duke <K5xu@cris.com>
  8) [724] Re: Learn English Before Writing
     by Peter Larsen <larsenp@cadvision.com>
  9) [725] Vert. Ants. Titan vs. Butternut
     by "rohre" <rohre@arlut.utexas.edu>
 10) [726] Re: Dan's Small Parts and Kits
     by n4js@pobox.com (John Sielke)
 11) [727] Re: VAN GORDEN
     by wd4nak@juno.com (CHARLES E HUX)
 12) [728] Re: Making UR Own QSL Cards
     by Shephed <Shephed@aol.com>
 13) [729] Chat from Peru
     by km@PACT.ORG.PE ()
 14) [730] Re: Learn English Before Writing
     by Jeff Grudin <grudin@pacific.vdbs.com>
 15) [731] Re: QRP QUARTERLY
     by launerb@crl.com (William H. Launer)
 16) [732] WTT: GM-15 for GM-80
     by Paul Erickson <paul1@wizard.ucs.sfu.ca>
 17) [733] VFO frequency
     by mikemo@ibm.net
 18) [734] Re: VFO frequency
     by K5BDZ <K5BDZ@aol.com>
 19) [735] Re: Learn English Before Writing

    by Roger Whitaker <k9ljb@iname.com>
 20) [736] Re: QRP-L HOAX #2!!! Re: Internat Access Phone Company Surcharges????
    by Adrian Weiss <aweiss@sunflowr.usd.edu>
 21) [737] RE: Sling-shot vs tennis racket
    by Adrian Weiss <aweiss@sunflowr.usd.edu>
 22) [738] Re: Learn English Before Writing
    by "Frank Grigaliunas" <fgrig@iea.com>
 23) [739] ISPs and Access Charges
    by "Jim (AL7FS), Nancy (KL7NY), Juliann (WL7MP) & Issei"
<larsennc@alaska.net>
 24) [740] FYBO Logsheet/Summary Sheet
    by Joe Gervais <vole@primenet.com>
 25) [741] Error : TEST
    by "Dan Hogan" <dhhogan@lightside.com>
 26) [742] Re: Internat Access Phone Company Surcharges????
    by Rich Wilkerson <richqrp@home.com>
 27) [743] Re: Making UR Own QSL Cards
    by Steve Pitts <stv@cnw.com>
 28) [744] NO CB beacon
    by mwattcpa@earthlink.net (Marty Watt)
 29) [745] Re: Spud Gun launcher. . . ?
    by ko7i@juno.com (Donald H Jones)
 30) [746] Spud Gun
    by tom whalen <whalen@swcp.com>
 31) [747] Re: Learn English Before Writing
    by Robert Bayha <rbayha@ix.netcom.com>
 32) [748] Re: Spud Gun launcher. . . ?
    by "Dan L. Evans" <dlevans@hsonline.net>
 33) [749] Re: Learn English Before Writing
    by Norm Melick <henmel@postoffice.worldnet.att.net>
 34) [750] Re: Making UR Own QSL Cards
    by "Dave Rowe" <elim@ime.net>
 35) [751] Re: Learn English Before Writing
    by "William F. Nicolson Jr" <n2wf@erols.com>
 36) [752] Re: Internat Access Phone Company Surcharges????
    by "Dave Rowe" <elim@ime.net>
 37) [753] MILLAWATT FIELD DAY TROPHY --TNX TO QRP-ARCI AND K5FO
    by "Michael, Dana A" <damichael@amp.com>
 38) [754] RE: Sling-shot vs tennis racket
    by olyellr@iglou.com
 39) [755] Email and fun
    by adams@chuck.dallas.sgi.com (Chuck Adams)
 40) [756] Houston QRP Club Meeting
    by Ed Manuel <n5em@flash.net>
 41) [757] Re: Internat Access Phone Company Surcharges????
    by Rich Wilkerson <richqrp@home.com>
 42) [758] Low Noise HF Amps?
    by Zack Lau <zlau@arrl.org>

43) [759] Radio Havana on 10 meters
    by kh6b@juno.com (Dean W Manley)
44) [760] unsubscribe me
    by Eugene Hutchins <gene@accnorwalk.com>
45) [761] Re: Spud Gun
    by "Ron Smith" <resmith@primenet.com>
46) [762] Re: FYBO Logsheet/Summary Sheet
    by Joe Gervais <vole@primenet.com>
47) [763] Re: NO CB beacon
    by Bob Patten <n4bp@bc.seflin.org>
48) [764] Re: Sling-shot vs tennis racket
    by Harvey Laidman <Harveyl@outadaloop.com>
49) [765] QRPp
    by "Jeff M. Gold" <JGold@tntech.edu>
50) [766] RE: Pixie2 question.
    by Ed Loranger <we6w@qsl.net>
51) [767] Re: QRPp
    by Ed Loranger <we6w@qsl.net>
52) [768] Re: Low Noise HF Amps?
    by "George T. Baker" <w5yr@swbell.net>
53) [769] Re: Spud Gun
    by Brian Mileshosky <n5zgt@swcp.com>
54) [770] It's Here
    by "Stephen Sorrell" <ap036@detroit.freenet.org>
55) [771] Re: Internet Access Phone Company QRP alternative
    by Bill Vodall <wa7nwp@bigsky.com>
56) [772] Re: Low Noise HF Amps?
    by Zack Lau <zlau@arrl.org>
57) [773] Re: Sling-shot vs tennis racket
    by "Dave Rowe" <elim@ime.net>
58) [774] Huff and Puff, Mk. 2
    by Laura Halliday <ve7ldh@direct.ca>
59) [775] NF3I stuff for sale/QRP banquet/Century 21 fun
    by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
60) [776] Avoiding surcharges on phone lines
    by Dale Scott <dcscott@us.ibm.com>
61) [777] Keyers
    by MSU1972 <MSU1972@aol.com>
62) [778] QRP Tuners
    by MSU1972 <MSU1972@aol.com>
63) [779] What it means to copy CW at high speed
    by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
64) [780] QRP Tuners
    by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
65) [781] Argo 509 Station FS
    by "John A. Evans - N0HJ" <jaevans@codenet.net>
66) [782] Ramsey FX50 xcvr kit FS
    by "John A. Evans - N0HJ" <jaevans@codenet.net>

67) [783] Re: Ramsey FX50 xcvr kit FS
    by David J Adams <adamsclan@netgate.net>
68) [784] Single lever paddles - what's available?
    by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
69) [785] RE: QRP Tuners
    by n4js@pobox.com
70) [786] Re: Sling-shot vs tennis racket
    by "Ray Lowe" <wd5dhk@hotmail.com>
71) [787] Re: Low Noise HF Amps?
    by Zack Lau <zlau@arrl.org>
72) [788] Re: What it means to copy CW at high speed
    by "Roger Whitaker [K9LJB]" <k9ljb@iname.com>
73) [789] Re: What it means to copy CW at high speed
    by "Roger Whitaker [K9LJB]" <k9ljb@iname.com>
74) [790] Spud-Pistol Maybe?
    by Bill Jones <kd7s@psnw.com>
75) [791] Problems with QRPp magazine --> NONE!
    by Ed Loranger <we6w@qsl.net>
76) [792] antennas in trees
    by Roger Braker <msebrakr@telepath.com>
77) [793] Re: Sling-shot vs tennis racket
    by Ed Loranger <we6w@qsl.net>
78) [794] Re: What it means to copy CW at high speed
    by "Michael A. Gipe" <mgipe@reliablemeters.com>
79) [795] Re: Learn English Before Writing
    by ea8yu Goran <rodriguez@jet.es>
80) [796] Re: What it means to copy CW at high speed
    by ea8yu Goran <rodriguez@jet.es>
81) [797] Re: Spud Gun launcher. . . ?
    by Ed <edn4pk@VoyagerOnline.net>
82) [798] Re: Spud Gun
    by Ed <edn4pk@VoyagerOnline.net>
83) [799] Re: Sling-shot vs tennis racket
    by John Sullivan <sullivjd@sound.net>
84) [800] Re: Spud Gun launcher. . . ?
    by "Ron Smith" <resmith@primenet.com>
85) [801] Re: Low Noise HF Amps?
    by Michael Neverdosky <MichaelN@cycat.com>
86) [802] Re: What it means to copy CW at high speed
    by Ed Loranger <we6w@qsl.net>
87) [803] Re: antennas in trees
    by Werner Jochem <Werner.Jochem@hoexter.netsurf.de>
88) [804] Re: QRP Tuners
    by Brian Kassel <bkassel@dancris.com>
89) [805] Learn English Critique???
    by Bill Simpson <Bill.Simpson@MCI.COM>
90) [806] qrp gear
    by Bill Urie <burie@linknet.kitsap.lib.wa.us>

 91) [807] Real open wire line
     by Vic Rosenthal <rakefet@rakefet.com>
 92) [808] Re: QRP Tuners
     by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
 93) [809] Mechanical Filters: HOW TO BUILD?
     by Ed Loranger <we6w@qsl.net>
 94) [810] Re: Huff and Puff, Mk. 2
     by Steven Weber <kd1jv@moose.ncia.net>
 95) [811] 38 Special
     by "Gleason, William Lyle, JR (Lyle)" <wlgleason@lucent.com>
 96) [812] Re: Learn English / Foreign Tongues
     by Joe Gervais <vole@primenet.com>
 97) [813] FS: MFJ-9020
     by Rod Logsdon <bike4life@bikerider.com>
 98) [814] Re: Learn English Before Writing
     by "mahlon.r.haunschild" <mahlon.r.haunschild@ac.com>
 99) [815] spud guns and coleman fuel
     by Roger Braker <msebrakr@telepath.com>
100) [816] Re: Slingshot vs. tennis racket
     by n9qil@juno.com (Kenneth R. Wezeman)
101) [817] best backpack rig
     by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
102) [818] Re: NO CB beacon
     by Mike Duke <K5xu@cris.com>

Date: Mon, 12 Jan 1998 19:59:08 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [717] Still FS:QRP Gear
Message-ID: <199801122002_MC2-2F08-D97A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

I have the following QRP-related items for sale. All are in excellent
condition. Prices include manual and shipping to CONUS.

1. MFJ-212 Matchmaker. Device helps you pre-tune those tiny/delicate
   finals without applying power. $65.00.

2. MFJ-722 "Optimizer" CW/SSB/Notch Filter. $40.00.

3. Autek QF-1 Audio Filter. $42.00.

Interested?--just let me know :-).

72/73,
--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
   nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL QRP WAS 44/42
   DXCC 73/44 Grid EN34 <>< FOX Total 1/09/98 = 23. A 1997/98 FOX.

 Omni V   Corsair I   Yaesu 900AT   Sierra   Norcal 40a   SW-40   49er
  Mercury Paddles   Emtech ZM-1   MFJ 259   MFJ 941D   Matchbox GAP
  TNT/2 Windom SLV/W6MMA G5RV Timewave 599zx Autek QF-1 RS DSP-40

 "Things should be as simple as possible, but no simpler"--A. Einstein

---

Date: Mon, 12 Jan 1998 19:59:43 EST
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [718] Making UR Own QSL Cards
Message-ID: <442d7543.34babc80@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Does anyone make/print their own QSL cards?

I bought a box of 4.5" x 5.5" Avery postcard forms for my InkJet printer and I have been working up my own layout. I'd like to talk with anyone who has made their own using their own PC.

Tnx.... es 73's

Denny KF6NJQ

Date: Mon, 12 Jan 1998 20:01:59 EST
From: JkHampton <JkHampton@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [719] HP412A DC Volt Meter
Message-ID: <5b01070f.34babd08@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I bought an HP412A at a junk shop this past weekend and everything on it seems to work fine. It is a USAF Surplus unit that must have a real work horse in its day but still has a plenty of life in it. Also seems to be very rugged from the condition of the leather carrying handle. Its been carried around a LOT, not just bench stufff.It has a beautiful, large meter and is a real nice old instrument even after all the hard use.

Hopefully, someone in the group can tell me a little bit about the instrument. It doesn't have a setting for reading AC at all and I am not sure what would happen if connected to AC. I presume that nothing would happen but then again?????

Anyway, Ade Weill mentioned this same VTVM in "The Joy of QRP" and suggested that it is good insturment for the homebrewer. That made me feel good about my $20.00 investment for the VTVM and some other stuff. I will make an rf probe for it to use for power measurements and generally enjoy the "glow" of the tubes. Yes, deep down, I do beleave that real radios glow in the dark but these transistors are pretty cool and fun for homebrew. Does anyone know a calibration procedure for it or a way to tell if it even needs calibrating. It seems to be fairly accurate compaired to my Radio Shack Digital :)

Any info you may be able to give concerning its use and maintenance will be greatly appreciated so thanks in advance.

72 de AC5JH

Date: Mon, 12 Jan 1998 17:20:59 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [720] Dan's Small Parts and Kits
Message-ID: <2.2.32.19980113012059.00757c7c@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The following has been posted on QRP-L previously and has been is on Dan's Page.
****
****

Dan wishes to thank all those who have taken advantage of this sale and looks forward to serving you in the future.

The overwhelming response to Dan's Huge End of the Year Sale has Dan running about two weeks behind in filling orders.

Dan wishes he could take the time to talk with each of you however the tremendous orders during this Huge Sale makes it impossable at this time.

Dan ask your understanding as he is doing everything he can to get your orders filled
correctly and out to you.

If you have a question please do not call, write the question down and mail it to Dan.

Dan anticipates being caught up withing two weeks.

For those awaiting orders thank you for your patience.

****

It should be no suprise that Dan is swamped considering the great deals he offered the

end of 1997. Please give him some slack, let him catch up and if you must contact him

send him a note in the mail as requested and he will get to you in the order received.

Thanks,,,72,,,Jerry...WA6OWR...K

Date: Mon, 12 Jan 1998 17:32:52 -0800
From: Rich Wilkerson <richqrp@home.com>
To: ki7mn@dancris.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [721] Re: Internat Access Phone Company Surcharges????
Message-ID: <34BAC444.C18BD1F0@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In wonderful (?) California they (pacbell) have already raised the
second line to an additional $3.50 to $5.00 . Not being really cheap or

nothing like that, I have already disconnected my second line. They are
also raising the long distance calls. I have since then went to the
"Cable" for my ISP.

--
                    Rich Wilkerson
                  WD6FDD, Santee, Ca.
                      72's, 73's

Date: Mon, 12 Jan 1998 20:47:55 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Rich Wilkerson <richqrp@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [722] Re: Internat Access Phone Company Surcharges????
Message-ID: <Pine.SOL.3.94.980112204548.8179A-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> In wonderful (?) California they (pacbell) have already raised the
> second line to an additional $3.50 to $5.00 .

Interesting.
Here in a non-Bell district of East TN, the local fone-co wanted $50
installation and $27/month for a second line. I'd gladly pay $5.

-73-

LB, W4RNL

Date: Mon, 12 Jan 1998 20:50:41 -0500 (EST)
From: Mike Duke <K5xu@cris.com>
To: Conard Murray <ws4s@InfoAve.Net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [723] Re: Radio Havana on 10M?
Message-ID: <Pine.SUN.3.96.980112204811.7094P-100000@galileo.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've heard it in Mississippi, but it's been a long time ago. I blew it
away as a harmonic.

It could be a re-broadcast, probably an unauthorized one, but you never know.

If we could ever get the fcc back into the real fox hunting business, we could find out.

72/73,
Mike

AMATEUR RADIO STATION K 5 X U
Jackson, Mississippi

Date: Tue, 13 Jan 1998 01:54:46 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: leatham@nortel.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [724] Re: Learn English Before Writing
Message-ID: <34BAC966.A3CB7B2@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Why was this sent to the list and not done in private??

Peter J. Larsen
VE6NAO

Date: 12 Jan 1998 20:02:15 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [725] Vert. Ants. Titan vs. Butternut
Message-ID: <n1327487096.50995@msmailgw1.arlut.utexas.edu>

Used a Butternut pair some Field Days ago. Did not work too well without a radial set, even though mounted to a metal fence in the main direction(s) desired. But it did radiate, (from the top of a hill!)

A friend has used Butternut with a radial set from them: found it pretty hard

to tune up, but works as well as any ground fed vertical can once you do tune up. Band width on 80M narrow, like most quarter wave verticals. About 60 kHz, if memory serves. Feed point is close to ground, if ground mounted, increasing ground loss.

I had a Hy Gain 18 AVT vertical, and it was tried without radials, elevated about 8 feet on a grounded tower section. Not spectacular in results, but some DX contacts made on 20M and up. (Did not have room where it was mounted to run radials, as it was on edge of structure.)

Finally bought the Gap Titan. Really a joy to put together, no tuning adjustment needed. I set it to their dimensions and put it on a six foot mast to slightly elevate it. Set it in the clear in the middle of the back yard. It does not use or need radials, it is a dipole, that is vertical, and fed above the base end, at about half its length. (A dipole functions without radials since it contains the two parts of the antenna fundamental structure where a quarter wave vertical only has one element.) Feeding above the physical bottom lowers ground loss, and lowers noise pickup by the coax, if sleeved inside the lower vertical tubing element.

It comes with its own counterpoise "wheel," (or inverted capacity hat as I call it). This structure is what resonates the whole on 40M. Works like a champ with full band coverage (more than Butternut can do), 40M and up!

The full band coverage of a Titan is also its advantage over the R7000 or R7 and the MFJ models. On 80M, the Titan has a wider bandwidth than advertised. You specify at time of order, a 100 kHz segment of 80M, and get a fixed cap to plug in the top tubing. I found the 2:1 points for this were wider than 100 kHz, which was welcome news. In place of possible inductor loss of coils, you have linear decouplers, that are lengths of open parallel line made of aluminum tubing which is low loss, and bigger diameter than coil wire of the Butternut.

Both antennas have a lot of aluminum. Linear decouplers may not be less noticeable than open aluminum coils of the HF9. But, for my money, what got my attention was the full band coverage of the Gap Titan on 40M and all higher bands, as well as its WARC coverage.

I have enjoyed excellent DX on 40M SSB 50 W and QRP. It holds the failing band when 20M closes, again on SSB even with low power.
It gave a great deal of fun in a contest using only 2W SSB of the Ten Tec 505.
It is a heavy antenna for one person to erect, so help is needed, when it is used elevated. But its durability was tested in a couple of wind storms, and it survived when next door, full size trees did not.

My suggestion, is to create a matrix table of features of all verticals. Once you have them all on paper, details such as amount of band coverage that should be major points, will stand out and ease your decision. One axis is

brands and models and the other are the features like length, where fed, weight, traps vs. linear decoupling, Bands, Band width, etc.

If you have little money, but a lot of time, see if you can get aluminum to create your own multiband vertical dipoles. One could parallel wire elements off a tubing vertical dipole for the lowest band of interest. TV standoff insulators could be used to space the wires away from a central tubing element. Even a wooden mast will support wire elements for a low cost but multi band vertical dipole set. This type of antenna works very well, and is underutilized in the ham community. I would like to see more homebrewed to check out the noise lowering effect of running the coax feed inside the lower dipole tube to the elevated feed point. PVC used for electrical conduit, (which is UV resistant), could be used for the center insulator if better materials are not at hand.

Time is money, though. But take some time to evaluate not just what Joe X got, but all possible choices. You just might be very satisfied with what some vertical installations can do. By all means use radials with all quarter wave base fed verticals, at least four, if you elevate the thing. More if ground mounted. But note recent research shows the radial current does not often divide equally among radials, apparently due to local adjacent coupling, or earth conditions. It may be possible to run less than quarter wave radials. More work is needed in this area, and you could contribute.

Good luck and DX!
Stuart K5KVH

Date: Tue, 13 Jan 1998 02:03:55 GMT
From: n4js@pobox.com (John Sielke)
To: qrp-l@Lehigh.EDU
Subject: [726] Re: Dan's Small Parts and Kits
Message-ID: <34bacb21.2702687@mail.cyberenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Mon, 12 Jan 1998 17:20:59 -0800, you typed:

>
>It should be no suprise that Dan is swamped considering the great deals =
he
>offered the
>
>end of 1997. Please give him some slack, let him catch up and if you =

must
>contact him
>
>send him a note in the mail as requested and he will get to you in the =
order
>received.
>
>Thanks,,,72,,,Jerry...WA6OWR...K
>

I received a rather large order I sent on December 21st a couple days
ago, so don't give up!=20

  _   _   _   _ =20
 / \ / \ / \ / \   John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN http://www.qsl.net/n4js
 _/ _/ _/ _/   NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
  G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Mon, 12 Jan 1998 21:08:55 EST
From: wd4nak@juno.com (CHARLES E HUX)
To: gedwards@onramp.net
Cc: wd4nak@juno.com, qrp-l@Lehigh.EDU
Subject: [727] Re: VAN GORDEN
Message-ID: <19980112.210320.7911.0.wd4nak@juno.com>

Thank's to all es God Bless .....

     Charles wd4nak

Date: Mon, 12 Jan 1998 21:33:16 EST
From: Shephed <Shephed@aol.com>
To: DENNISMO@aol.com, qrp-l@Lehigh.EDU
Subject: [728] Re: Making UR Own QSL Cards
Message-ID: <23d99b8b.34bad26e@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Dennis,
I have not yet made my own, but I do have a blank graphic made in Windows

Paint.

It's a standard postcard size with a box on the bottom for the RST. A friend has used this to make some really great QSL cards.

I would be happy to share this with you or any one else. Just send me an E-mail and I'll post it on my Web Page.

72,73
Dan,N8VZU
QRP-L #1404
shephed@aol.com
http://members.aol.com/shephed/n8vzu.htm

Date: Sun, 11 Jan 1998 21:51:34
From: km@PACT.ORG.PE ()
To: qrp-l@Lehigh.EDU
Subject: [729] Chat from Peru
Message-ID: <m0xrwe2-0015rSC@uurcp1.rcp.net.pe>

Not too bad from down here on 10 & 15. No action 20 and 4o and 80 were lost causes too.

>From Lima, with less than 10 watts PEP (TenTec Delta II and sloping dipole on 15 and verticle on 10) I worked the South Atlantic (Buenos Aires) Mid-North Atlantic (Maryland) N-W Pacific (Oregon) with the Gulf of Mexico thrown in for good measure. Of course I picked up a neighbor here in Lima. Sounds impressive?

10 QSOs 7 Multipliers and a 7 power multiplier for a grand total of 490!

Three 2 way QRPs on 15 meters

WX7R (John) made it through in style from Oregon

KB8USZ (Bill) from Ohio

K3WRV (Bob) from Maryland with 2 watts

My hat is off to John, he was on the 21.385 and offered that I sit there instead of cruising around. That made possible the 5 more contacts.

Have a happy work week ahead,

72,

Kris
OA4DBO   "Where resonance is a way of life :>)"
(ex-TI2QRP) old ARCI # 7272

Date: Mon, 12 Jan 1998 19:06:33 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [730] Re: Learn English Before Writing
Message-ID: <34BADA39.4975@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Or not done at all!

--
73 de Jeff AC6KW
grudin@vdbs.com
_____
QRP-L #16   Private Practice : Companion Animals and
Exotics
Norcal QRP #1292   Ocean Animal Clinic / Cat Clinic of Santa
Cruz
                                                    Santa Cruz,
California

          QRP'ers do it with less energy (but lot's of enthusiasm)!
_____

Date: Mon, 12 Jan 1998 21:18:47 -0600
From: launerb@crl.com (William H. Launer)
To: qrp-l@Lehigh.EDU
Cc: ku7y@sage.dri.edu
Subject: [731] Re: QRP QUARTERLY
Message-ID: <v01530505b0e08a0f7591@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ron,

You and the QQ staff are to be commended on the production of a very professional journal. I recently re-subscribed after letting my subscription lapse for many years. If I'd known what I've been missing, I would have re-subscribed sooner!

During my engineering career, I met a lot of fine professional people, and your authors are among the best!

Thanks, 72/73,
Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279   qrp arci #3551
Grid Square EM48RT

Date: Mon, 12 Jan 98 19:19:12 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: qrp-l@Lehigh.EDU (qrp)
Subject: [732] WTT: GM-15 for GM-80
Message-ID: <9801130319.AA02740@wizard.ucs.sfu.ca>

I have a new, unopened GM-15 kit, which I was intending to alter for 80 meters, but thought I'd check to see if someone had a GM-80 they would like to trade for it.

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

Date: Mon, 12 Jan 1998 22:22:41 -0500
From: mikemo@ibm.net
To: qrp <qrp-l@Lehigh.EDU>
Subject: [733] VFO frequency

Message-ID: <34BADE01.1765@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here is a question to the collective "Elmer" known as Qrp-l.

I'm building my first tranceiver, an NW80/20 for 30 meters, from Dan's small parts. The first section is the VFO and of course it doesn't work correctly. Let me explain.

For 30 meters the vfo range is supposed to be 1.850mhz to 1.900mhz. With a 12Mhz crystal filter after the mixer I guess that gives a tuning range of 10.100Mhz to 10.150Mhz.

When I finished this section it oscillated at 1.920Mhz with the trim cap at center. The range was only 35Khz, it is supposed to be 50Khz. I could not get it below 1.900Mhz with the tune and trim caps at max. (Freq. measured with a fluke counter).

The torroid for the vfo consists of 48 turns of #30 wire on a white core (T37-7) with a tap at the last 4 windings. I counted each passing of the wire through the core as a turn. I wound it very carefuly making sure that the windings were tight and close together. 48 turns filled up the inside diameter of the core so the last few windings are doubled up on the inside. The windings are fairly even across the outside of the core.

I double checked the turns on the core, and all the values of the board mounted components. I double checked the freq. counter measurements with my TS-820s receiver and confirmed them. Could I have wound the torroid too tight?

What determines the freq range of a VFO?

Thanks for the assistance.
72 de kf4trd
Mike (Wanting to get on 30) Maiorana

Date: Mon, 12 Jan 1998 23:31:03 EST
From: K5BDZ <K5BDZ@aol.com>
To: mikemo@ibm.net, qrp-l@Lehigh.EDU
Subject: [734] Re: VFO frequency
Message-ID: <205d250.34baee07@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Mike
Try "skootching" the turns on the VFO coil closer together. That should give you more (higher) inductance so you can get the VFO frequency down. It works roughly the same as adding a turn to a turn and a half to the coil. Also should help you with your frequency range...if not let us know and we'll go back to the drawing board. Might be nice to know values of caps and #of turns on what inductor to better help you with specifics if need be.
Good luck...have fun...you're LEARNING!!!
Bill, K5BDZ
P.S. When you get the VFO inductor where you want it, remember to paint it with clear fingernail polish and let it dry!

Date: Mon, 12 Jan 1998 21:54:00 -0600
From: Roger Whitaker <k9ljb@iname.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [735] Re: Learn English Before Writing
Message-ID: <34BAE558.981ED7E8@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

    One of the things I have enjoyed about this reflector is that it is much like the CW part of the band, populated by gentlemen and ladies therefore devoid of the intentional QRM and "Flames" of other parts of the spectrum and Internet. Please, let us retain that distinction.

72 K9LJB

Date: Mon, 12 Jan 1998 23:17:47 -0600 (CST)
From: Adrian Weiss <aweiss@sunflowr.usd.edu>
To: "Paul R. Valko" <prvalko@oakland.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [736] Re: QRP-L HOAX #2!!! Re: Internat Access Phone Company Surcharges????
Message-ID: <Pine.SOL.3.94.980112230919.1739G-100000@sunburst>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ooooopsss!

Sorry about the mess-up and bandwidth waste, gang!
Don't telll me the virus posting was a hoax also?

I run thru so much stuff here that I shoot as fast as possible -- I'll
be more careful next time.

72, Ade

On Mon, 12 Jan 1998, Paul R. Valko wrote:
> Subject: QRP-L HOAX #2!!! Re: Internat Access Phone Company Surcharges????
>
>
> Wow! Two in one day, a new record!
>
> This one caught one of the most famous names in QRP, Adrian Weiss!

I do pretty well at sniffing out QRP hoaxes -- and sometimes get caught on
something that doesn't make sense when described verbally, like my
"egg-on-my-face" postings a couple of years ago about the RFD-1 resonant
feedline dipoles which, after reading the article, are sound
theoretically, but, in reality, I wouldn't trust the coax loop to isolate
the outer conductor 100%. But if it works OK, so what? But then again, why
not just a simple dipole with both ends tied up and above etc? with the
coax swinging down into the motel room? Oh well -- too fast a pace for me
I guess.

> Adrian got stung by yet-another-internet-hoax. This one has SOME basis
> in truth but the date was changed BY A YEAR!
>
This is a small relief! It WAS real after all -- but most of the time I
miss the good stuff and fun by more than a year! Like, I haven't been to
Dayton since 1988! Maybe there is a pattern here....

Gotta run -- again, apologies for the wasted bandwidth!

72, Ade W0RSP

>

Date: Mon, 12 Jan 1998 23:35:58 -0600 (CST)
From: Adrian Weiss <aweiss@sunflowr.usd.edu>

To: QRP-L@fidoii.CC.lehigh.EDU
Subject: [737] RE: Sling-shot vs tennis racket
Message-ID: <Pine.SOL.3.94.980112233121.4210A-100000@sunburst>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Would a tennis ball have enough weight to pull a piece of string over a 100-ft branch?

With respect to sling-shot: my biggest problem has been breaking the fishing line attached to an egg-sinker on launch. Must be an incredible amount of strain on the line. Point of diminishing returns occurs -- increase the size of the line, decrease the height via increasing the line drag over branches.

But there's nothing like a perfect clean shot over exactly the right target branch, with the line whistling off the spinning reel mounted on the handle of the slign-shot. It's a high of its own. But then again, have to be careful about the line fouling on the reel/slingshot once you release the reel's wind-up bracket -- in that case, you watch the sinker sail off into the blue, gracefully arcing over the tree to some undiscoverable nook in the grass.

The life of a QRP'r is never dull, especially since there are about a thousand different antennas to try out, and a billion trees to try them on.

72 Ade W0RSP

Date: Mon, 12 Jan 1998 21:39:40 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [738] Re: Learn English Before Writing
Message-ID: <199801130539.VAA21556@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Roger Whitaker <k9ljb@iname.com> wrote:

> One of the things I have enjoyed about this reflector is that it is much like
> the CW part of the band, populated by gentlemen and ladies therefore devoid of

> the intentional QRM and "Flames" of other parts of the spectrum and
Internet.
> Please, let us retain that distinction.

Yeah, what he said! And especially if all you have to say is a bunch of
nit-picky remarks about hyphens and capitalization.

--Frank, KC7YYR

P.S. Roger, when you comming out with another one of them K-tel records?

              Frank Grigaliunas, W. 1816 Dean, Spokane, WA 99201
   fgrig@iea.com -=*=- (509) 326-7147 -=*=- http://www.iea.com/~fgrig/

         "The Internet doesn't annoy people. People annoy people"

Date: Mon, 12 Jan 1998 20:43:07 -0900
From: "Jim (AL7FS), Nancy (KL7NY), Juliann (WL7MP) & Issei" <larsennc@alaska.net>
To: qrp-l@lehigh.edu
Subject: [739] ISPs and Access Charges
Message-ID: <34BAFEEB.7472@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well....check out my ISP's posting on this subject. It is all fresh
from 1/8/98 through 1/10/98. And it seems like balanced reporting.
(I hope you can reach it even if you are not an Internet Alaska
customer.)

http://www.alaska.net/~ahernlj/ispfees/index.html

I must confess, my QRP enjoyment and education and contact with QRP
friends would be diminished significantly if my email costs went up to
the point I had to say "no" to internet service.

73, Jim, AL7FS
--

Jim Larsen
Acupressure Anchorage
Anchorage, Alaska

Date: Mon, 12 Jan 1998 22:53:17 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [740] FYBO Logsheet/Summary Sheet
Message-ID: <199801130553.WAA04496@usr04.primenet.com>

Howdy Folks,

The new FYBO Logsheet/Summary Sheet blanks will soon be
online at ScQRPion Bob's webpage <www.dancris.com/~ki7mn>
to help make life a little easier on all you FYBO ops.
Figure you'll be too busy thawing out afterwards, the last
thing you'll want to do is do your own from scratch. :-)

Please keep an ear out for AB7TT/QRP/P this weekend.
WX looks like it'll behave, few inches of fresh snow to
lay some snowshoe tracks in, and my new/used knee key
arrived today so pardon my frozen fist while I get used
to the new thingy. :-)

Hope your Monday went fast! Mine, sadly, is still going
on.... ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

---

Date: Mon, 12 Jan 1998 21:58:36 -8
From: "Dan Hogan" <dhhogan@lightside.com>
To: qrp-l@Lehigh.EDU
Subject: [741] Error : TEST
Message-ID: <199801130557.VAA11181@mail.lightside.com>

Test
Dan Hogan WA6PBY
ARRL-VE*QRP-L*QRP-ARCI*NorCal*CQC*Fists*G-QRP*ARS*

Date: Mon, 12 Jan 1998 22:19:52 -0800

From: Rich Wilkerson <richqrp@home.com>
To: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [742] Re: Internat Access Phone Company Surcharges????
Message-ID: <34BB0788.F622D52A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

L. B. Cebik wrote:
>
> > In wonderful (?) California they (pacbell) have already raised the
> > second line to an additional $3.50 to $5.00 .
>
> Interesting.
> Here in a non-Bell district of East TN, the local fone-co wanted $50
> installation and $27/month for a second line. I'd gladly pay $5.
>
> -73-
>
> LB, W4RNL
==========
Oh here in good old Ca. it's only, $90 for installation, and $20 a month
bill, plus the new $5.00 surcharge..... I surely did not mean it was
just $5.00 ....
--
Rich Wilkerson
WD6FDD, Santee, Ca.
72's, 73's

Date: Mon, 12 Jan 1998 22:27:59 -0800 (PST)
From: Steve Pitts <stv@cnw.com>
To: qrp-l@Lehigh.EDU
Subject: [743] Re: Making UR Own QSL Cards
Message-ID: <Pine.3.89.9801122243.A11694-0100000@baker>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Jan 1998, DENNIS MO wrote:
> Does anyone make/print their own QSL cards?
>

Sure do, I've done a layout in postscript. For those folks that
are like myself, inclined to program vs draw this is a reasonable
way to get good looking cards without much trouble.

If any are interested I'd be glad to share and you are on your
own to take the project as far as you want.

73/72
Steve

Steve Pitts, KJ7NR, NNN0BSC stv@cnw.com
http://www.cnw.com/~stv/
FISTS 1530 G-QRP 8963 QRP-L 172

Date: Tue, 13 Jan 1998 06:32:37 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Cc: k1ky@bellsouth.net
Subject: [744] NO CB beacon
Message-ID: <34bf093c.5465227@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Anybody pinpoint this beacon yet? There was some recognition of the
existence on 10 meters by several North American QSO party participants
this past weekend.

BTW -- Bob (N4BP) -- thanks for the contact in the contest. My 63 points
will not threaten any serious effort (I might win for low score). Out of
curiosity, were you QRO or QRP? Nice strong signal here on a less than
optimal antenna (a 20m dipole outside the balcony).

72 es 73 de=20
Marty, KM7W

_____
=46ranklin, Tennessee e-mail: mwattcpa@earthlink.net
http://home.earthlink.net/~mwattcpa
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM65nv

~~~~~~
~~~~~~

Date: Tue, 13 Jan 1998 01:48:54 EST
From: ko7i@juno.com (Donald H Jones)
To: whalen@swcp.com
Cc: qrp-l@Lehigh.EDU
Subject: [745] Re: Spud Gun launcher. . . ?
Message-ID: <19980112.234425.2343.0.ko7i@juno.com>

Ok I'll bite, and yes you can call me a tender foot but I have to ask, "what is a spud gun and how does it work?"
I once tried using using my 70 lb compound hunting bow to launch a string, I do not recomend using that powerful of a bow. I used a 625 grain arrow and it cleared my tree no sweat, problem was it cleared my neighbors tree 250 ft down range too! A 35 lb recurve (A QRPp bow) would have been much safer to use.
73,
Don Jones KO7i
ko7i@juno.com
Stanwood, WA
360-652-0248
QRP-L #963 - NWQRP #435 - NORCAL #2386 - Geratol #1571

Date: Tue, 13 Jan 1998 00:14:10 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: ko7i@juno.com
Subject: [746] Spud Gun
Message-ID: <34BB1442.2F8B@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Fellow Qrpers!!
Been lots of talk lately about antenna launching devices and I had suggested the use of a spud gun. Some of you have asked what a spud gun is, and I will tell you right now.
The spud gun is what the name implies...a gun that shoots spuds(potatoes). For about 25 dollars and a little time one can build a spud gun capable of launching a line a good 100 to 150 yds. The spud gun is built out of 1.5 inch PVC tubing, but can be made for different size tubing just as easy. My spud gun looks very similar to a bazooka, and I get some strange looks when viewed by the public.

To get a line over your favorite tree, the first thing one must do is to position a fishing pole with a reel loaded with at least #8 mono line and put it into the ground aimed at a slight angle toward said tree. Make sure catch release is off of the reel(dont waste that spud now!) and then tie the line around the spud. Shove spud down tube no more than a foot.The further spud goes down barrel the further it will go....I have figured about 1'ft for 100' of distance....YEP thats 100 to 1!! My barrel is 30" long so spud will travel long way if needed.

If on the first try you fail to get the line where you want it, just retrive the line back and the spud usually follows, reload aim and try again. I have found that the spud is usually able to be reused several times unless you hit a big branch or the trunk of the tree....then you will have smashed potatoes for dinner!! I got my plans off of the internet.....have shot it no less than 200 times no problems and really like it for getting antennas up in the tall pines of NM! Next best thing is to use a sling shot with a one ounce sinker...that works pretty good to and is not as noisy...As always, be careful...this thing is powerful.

Plan to demonstrate unit at Pinetop Feb 6 if Im able to go....Maybe will have to sell tickets....to pay for my gas over there HI HI....72, Tom WB5QYT..." Have spud will travel!"....PS: propellant used is Aqua Net Hair Spray...a one second squirt will do!!!!

Date: Mon, 12 Jan 1998 23:40:48 -0800
From: Robert Bayha <rbayha@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [747] Re: Learn English Before Writing
Message-ID: <34BB1A80.B212282C@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No matter how much it hurts, just let Chuck respond to this type of thing.

Date: Tue, 13 Jan 1998 03:29:47 -0500
From: "Dan L. Evans" <dlevans@hsonline.net>
To: qrp-l@lehigh.edu
Subject: [748] Re: Spud Gun launcher. . . ?
Message-ID: <3.0.1.16.19980113032947.2e97fcbc@mail.hsonline.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>I once tried using using my 70 lb compound hunting bow to launch a
>string, I do not recomend using that powerful of a bow. I used a 625
>grain arrow and it cleared my tree no sweat, problem was it cleared my
>neighbors tree 250 ft down range too! A 35 lb recurve (A QRPp bow) would
>have been much safer to use.
>73,
>Don Jones KO7i

Hats off to Don!

That's got to be the best antenna launching story yet!!:)

I use the QRPp variety bow, and it works quite well....
I'm still laughing!

72/73 de Dan, N9RLA....

Dan L. Evans [N9RLA]
72/73 from...EM78
QRP MOBILE CONTESTOR!!!
CQ_DE_dlevans@hsonline.net

Remove the cq_de_ to email me, I hate SPAM!

Date: Tue, 13 Jan 1998 01:02:03 -0800
From: Norm Melick <henmel@postoffice.worldnet.att.net>
To: leatham@nortel.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [749] Re: Learn English Before Writing
Message-ID: <34BB2D8A.907329F@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Marcus Leatham wrote:
>

> Alex:
>
> Honestly, I don't think any magazine would publish an article from one
> as ignorant as you. The magazines don't want to spend a lot of time
> editing grammar and spelling mistakes or inserting those little '[sic]'
> notations to show that the mistake was yours. Of course, if you spent
> more time operating CW, you might learn how to spell.

whall ge macus, preciate the eglish lasson. I waz gunna ask for
some halp on that their Qrp rig. i gut fer xmas.

Gess Ill' (sick) 'ill,,(sick), go back ta techun halycopter
flyun.

Anybudy want ta bye, {sick} by, (sick}, aw furget it.

Sancerly, {sick]sancerly,..... aw , u no.

XXX

I gas CWs outa the question

Date: Tue, 13 Jan 1998 07:07:37 -0500
From: "Dave Rowe" <elim@ime.net>
To: <DENNISMO@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [750] Re: Making UR Own QSL Cards
Message-ID: <000201bd201c$a26d7f20$58c15ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="us-ascii"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: DENNIS MO <DENNISMO@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, January 12, 1998 8:11 PM
Subject: Making UR Own QSL Cards

>Does anyone make/print their own QSL cards?
>
>I bought a box of 4.5" x 5.5" Avery postcard forms for my InkJet printer

and I
>have been working up my own layout. I'd like to talk with anyone who has
made
>their own using their own PC.
>
>Tnx.... es 73's
>
>Denny KF6NJQ
>
Hi Denny
Yep make my own here have for couple of years. Lots of fun, I Use Print Shop deluxe.. and at time MS Pub.. There is also a program called Draw plus by Serif out of N.H. That can do a nice job.. I print four cards to a page.. and if I need allot of cards for say a contest I just make the original black and white and run them on my Copier..

73 dave Kc1di

Date: Tue, 13 Jan 1998 07:42:54 -0500
From: "William F. Nicolson Jr" <n2wf@erols.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [751] Re: Learn English Before Writing
Message-ID: <34BB614E.D79F48D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stop the bashing!!!

--
        72 de Bill Nicolson -- N2WF
   QTH: 38 Tanglewood Lane - Colonia, NJ 07067-3036
 Clubs: NJQRP#68; FISTS#2016; NorCal#2098; QRP-L#955; ARS#332
E-Mail: n2wf@erols.com
 Stuff: OHR-400; NC40a; 38S; SW-40; NorCal Paddles; LDG QRP Tuner
        OHR WM-2; OHR SCAF; Island Keyer

Date: Tue, 13 Jan 1998 07:40:10 -0500

From: "Dave Rowe" <elim@ime.net>
To: <cebik@utkux.utcc.utk.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [752] Re: Internat Access Phone Company Surcharges????
Message-ID: <000001bd2020$babc8040$37c15ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="us-ascii"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: L. B. Cebik <cebik@utkux.utcc.utk.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, January 12, 1998 8:49 PM
Subject: Re: Internat Access Phone Company Surcharges????

>> In wonderful (?) California they (pacbell) have already raised the
>> second line to an additional $3.50 to $5.00 .
>
>Interesting.
>Here in a non-Bell district of East TN, the local fone-co wanted $50
>installation and $27/month for a second line. I'd gladly pay $5.
>
>-73-
>
>LB, W4RNL
>
L.B Here in Maine were we also have a local phone non bell company, it's 27.50 hook up and 19.50 /mo. I too would like the 5 dollar deal.. Cable here is 30/mo 150 install fee.. absolutely hilarious.. I told the cable company I'd do the hook up myself .. and on top of the regular monthly fee they want another 30 bucks/mo. for Internet access..

some people don't know when they have it good.

73 dave Kc1di

Date: Tue, 13 Jan 1998 08:19:56 -0500
From: "Michael, Dana A" <damichael@amp.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [753] MILLAWATT FIELD DAY TROPHY --TNX TO QRP-ARCI AND K5FO

Message-ID: <199801131322.IAA07810@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I want to thank the QRP-ARCI and K5FO for the very nice QRP FIELD DAY
TROPHY.

I hope to do even better this year (1998). I have been thinking about
field day antennas and ways to make my 1 watt get out even better.

THANKS AGAIN!

73 es GL
D. A. MIKE Michael W3TS

Date: Tue, 13 Jan 1998 08:33:35 -0500
From: olyellr@iglou.com
To: qrp-l@Lehigh.EDU
Subject: [754] RE: Sling-shot vs tennis racket
Message-ID: <3.0.5.32.19980113083335.007a5340@iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:35 PM 1/12/98 -0600, you wrote:
>Would a tennis ball have enough weight to pull a piece of string over a
>100-ft branch?
>
>With respect to sling-shot: my biggest problem has been breaking the
>fishing line attached to an egg-sinker on launch. Must be an incredible
>amount of strain on the line. Point of diminishing returns occurs --
>increase the size of the line, decrease the height via increasing the line
>drag over branches.
>
   <snip>

>72 Ade W0RSP
>

It will work. I used a slingshot and 30lb test line (clear) and a sinker.
You're not gonna break this line and you won't see it unless you're looking
for it.

You need to tie a piece of ribbon, etc. on with the sinker to make it easy to
see, find, etc.

Believe me....it won't break.

Good luck es 73!
Mike L.
KE4HLU
FISTS #4139
QRP-L #1395

Date: Tue, 13 Jan 1998 14:29:13 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [755] Email and fun
Message-ID: <199801131429.OAA05001@chuck.dallas.sgi.com>

OK gang,

I apologize for the four days with up and down email. Found the problem in a local network script that was supposed to setup some stuff. It's a long story and you don't want to hear about it. :-) It has a lot to do with methodically rebuilding the system several times. ;-)

I had gotten some email inquiring on SPICE and here is some more info:

a. PC version on ftp.lehigh.edu in directory /pub/listserv/qrp-l/tools and is called rs34.zip. It is SPICE3F4, a.k.a. SPICE Version 3F4. It is public domain and provided by RCG.

b. The FORTRAN source to SPICE2G6 is also under the same directory /pub/listserv/qrp-l/tools and is called spice2g6.tar in tar format for UNIX based systems.

I got SPICE3F4 up and running Thursday morning on two workstations, one at home and one at work. This one is written entirely in C and has a nifty X11 interface and produces some interesting graphs, which I'll have on the web page after the weekend. I do have a job you know. :-) I'll also put a tar version of the source on ftp.lehigh.edu. You will need to know a lot about your workstation to understand how to get it

going. The RCG version in a. above is the same program ported to the PC.
Give me until the first part of next week to do this as I need to document
what I did and some stuff that will make life somewhat easier for people
who want to invest the time and energy in getting it going.

I have fixed some minor nits in the C-language syntax that ANSI compilers
complain about. The program is no longer supported by UC Berkeley but
it is a good program. Also have the users guide in PostScript, equations
and all.

So, if you sent me email in the last few days and I have not responded
or you got a bounced email message to me, resend it if you have it or
can remember what it is that you wrote. :-) Some stuff I am behind on
responding to but I'll get to it before midnight tonight or it's lost
in the bit-bucket between you and me.

I have taken care of the English thread, so no need to continue that.
Back to the potato wars in progress. :-) Hey!! Does that spud have a
virus???

;-)

Oh, night before last I'm at home and turn on the TT1340 (2W) and I hear
another local ham who is closer to my QTH than the other that clobbers
me during the foxhunts. :-) Anyway what prompts this is that she is
also running a TT1340 she built for Christmas. She is at 5W but says
that she got 7W out of it just after building it. Hmmm. Anyone else
get that much power out of a TenTec 1340 40M QRP rig? I was doing
40wpm on a keyboard (she does traffic handling and can do better)
and she 20wpm on a straight key, so I didn't get all the details.
Watch for her during the foxhunts as I gave her this weeks schedule
on the air and mailed the rest of the schedule. The guys in CA
aren't the only ones that can recruit.

The next thread from TenTec will be on the new general coverage receiver
kit. 25 hrs to build? Must have a lot of parts.......

dit dit

Chuck Adams K5FO   CP-60
http://reality.sgi.com/adams adams@sgi.com

Date: Tue, 13 Jan 1998 09:08:08 -0600
From: Ed Manuel <n5em@flash.net>

To: qrp-l@lehigh.edu
Subject: [756] Houston QRP Club Meeting
Message-ID: <3.0.5.32.19980113090808.008801f0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HouQRPers,

Final reminder that this coming Saturday, January 17, 1998 will be the first meeting of the Houston QRP Club. In case you've been busy, here are the details.

When: Saturday, Jan. 17, 1998, 9am to 11am with lunch at a nearby spot afterwards for those who care to stay.

Where: 5718 Westheimer at Bering (one block west of Chimney Rock), Suite 970 (9th floor).

Again, we have 2 dozen LM380 2 watt audio amplifier kits to give away. Also, two other neat door prizes - one for the QRPer who travels the farthest and the other for some lucky soul whose name is drawn.

Pastries/donuts and coffee will be provided.

Come be part of the beginning of a new regional club.

Talk-in will be on the 146.700 (-) repeater if you need directions.

So far, about 18 folks have said they will be there. Sounds like a good start so don't be left out!

See you there.

Ed Manuel, N5EM
n5em@amsat.org
n5em@flash.net

Date: Tue, 13 Jan 1998 07:44:18 -0800
From: Rich Wilkerson <richqrp@home.com>
To: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>, QRP-L <qrp-l@Lehigh.EDU>
Subject: [757] Re: Internat Access Phone Company Surcharges????
Message-ID: <34BB8BD2.72BDC1BA@home.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

L. B. Cebik wrote:
>
> Rich,
>
> I stand corrected, but I still would love to have a 2nd line for $5 per
> month.
>
> LB
    So would I, it's just like everything else, someone wants something for nothing. I just did not like the idea of the phone co. getting in there and making an "extra" buck. What will they charge next year ?????
--
Rich Wilkerson
WD6FDD, Santee, Ca.
72's, 73's

Date: Tue, 13 Jan 1998 11:23:11 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [758] Low Noise HF Amps?
Message-ID: <34BB94EF.5FB9@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone had any luck building <0.5 dB NF HF amplifiers?

The best designs seem to come in around 1 dB--I think
the available transistors are optimized for VHF/UHF and
have 1/f noise problems at HF. By contrast, it isn't
unusual anymore to have VHF preamps with 0.2 dB noise
figures.

Date: Tue, 13 Jan 1998 11:34:47 EST
From: kh6b@juno.com (Dean W Manley)
To: ws4s@infoave.net, qrp-l@lehigh.edu
Cc: kh6b@juno.com

Subject: [759] Radio Havana on 10 meters
Message-ID: <19980113.063649.5391.1.kh6b@juno.com>

Hello Conard and group. I suspect third harmonic of 9820 kHz for
Radio Havana for the 29.460 MHz signal. During the last sun spot
maximum, many shortwave broadcast signals were heard on 10 meters.
Most notable were Russian.

Conard Murray wrote:

>From: Conard Murray <ws4s@InfoAve.Net>
>
>Subject: Radio Havana on 10M?
>
>Has anyone else heard Radio Havana, Cuba on 29.460 MHz AM? I have heard
them
>twice on this frequency while 10 was open to Florida. The first time was
>Dec. 27th and the second was Jan 11th. What I heard didn't sound like a
spur
>or a harmonic and was carrying the same programming as their 6.000 MHz
>transmitter. The audio was quite good for Radio Havana .... this sounded
>like a link to a remote transmitter.
>I heard the 10M signal on a Kenwood TS-570D and an Alinco DX-70. Others
l>ocally heard the signal on a TS-50 and another DX-70.
>Any ideas?
>73 de Conard, WS4S
>Cookeville, TN
>

73 and Aloha, Dean Manley KH6B
ARRL Life Member, HI Chapter QCWA,
ARCI 6257, QRP-L 1032, HI-QRP 1, AK-QRP 339,
NorCal 1928, NW QRP 470, OOTC 3642
kh6b@juno.com VTI / W9SAL

Date: Tue, 13 Jan 1998 12:37:28 -0500
From: Eugene Hutchins <gene@accnorwalk.com>
To: QRP-L@Lehigh.EDU
Subject: [760] unsubscribe me

Message-ID: <1.5.4.16.19980113173728.3c0713a6@mail.accnorwalk.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Tue, 13 Jan 1998 10:00:52 -0700
From: "Ron Smith" <resmith@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [761] Re: Spud Gun
Message-ID: <01a801bd2045$49adc880$1122a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Tom and the group...

After reading your post on the spud gun I decided to browse the Internet and see what I could find. WOW! Lots of good information. My main concern with the spud gun was the loud sound when it fires and wouldn't you know that someone has come up with a silencer for it. Here is the Web page I found with all the details:

http://pages.ripco.com:8080/~kmfdm/gun.advanced.html#silencer

Looks like an interesting project for next summer.

Thanks to you and others of the list for posting the spud gun information.

72

Ron Smith

Amateur Radio Callsign: KD7VD
Southwest Idaho
E-mail: resmith@primenet.com
QRP-L #1291

-----Original Message-----
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, January 13, 1998 12:15 AM

Subject: Spud Gun

>Hello Fellow Qrpers!!
>Been lots of talk lately about antenna launching devices and I had
>suggested the use of a spud gun. Some of you have asked what a spud gun
>is, and I will tell you right now.
>The spud gun is what the name implies...a gun that shoots
>spuds(potatoes). For about 25 dollars and a little time one can build a
>spud gun capable of launching a line a good 100 to 150 yds. The spud gun
>is built out of 1.5 inch PVC tubing, but can be made for different size
>tubing just as easy. My spud gun looks very similar to a bazooka, and I
>get some strange looks when viewed by the public.
>To get a line over your favorite tree, the first thing one must do is to
>position a fishing pole with a reel loaded with at least #8 mono line
>and put it into the ground aimed at a slight angle toward said tree.
>Make sure catch release is off of the reel(dont waste that spud now!)
>and then tie the line around the spud. Shove spud down tube no more than
>a foot.The further spud goes down barrel the further it will go....I
>have figured about 1'ft for 100' of distance....YEP thats 100 to 1!! My
>barrel is 30" long so spud will travel long way if needed.
>If on the first try you fail to get the line where you want it, just
>retrive the line back and the spud usually follows, reload aim and try
>again. I have found that the spud is usually able to be reused several
>times unless you hit a big branch or the trunk of the tree....then you
>will have smashed potatoes for dinner!! I got my plans off of the
>internet.....have shot it no less than 200 times no problems and really
>like it for getting antennas up in the tall pines of NM! Next best thing
>is to use a sling shot with a one ounce sinker...that works pretty good
>to and is not as noisy...As always, be careful...this thing is powerful.
>Plan to demonstrate unit at Pinetop Feb 6 if Im able to go....Maybe will
>have to sell tickets....to pay for my gas over there HI HI....72, Tom
>WB5QYT..." Have spud will travel!"....PS: propellant used is Aqua Net
>Hair Spray...a one second squirt will do!!!!
>
>

Date: Tue, 13 Jan 1998 10:08:38 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: ab5uacw@juno.com (Clifton W Sikes)
Cc: qrp-l@lehigh.edu
Subject: [762] Re: FYBO Logsheet/Summary Sheet
Message-ID: <199801131708.KAA07673@usr09.primenet.com>
Content-Type: text

Howdy Clif, (I'm cc'ing QRP-L on this....)

> Is there any way to get the log/summary sheets to those of us on Juno? If
> not, be prepared for my hand made substitute, hi.

Sure! Just send me email asking for them, and I'll pass
the ASCII versions to you. Yours are on the way, Clif.

> Hope the weather is better here, by then. We are knee deep in mud and muck!

Come join us AZ-NM QRPers in the mountains - no muck,
just snow, chili, saurkraut and outrageous lies. :-)
Please let me know if you have any more questions.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

---

Date: Tue, 13 Jan 1998 12:54:34 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Marty Watt <mwattcpa@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [763] Re: NO CB beacon
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 13 Jan 1998, Marty Watt wrote:
>
> BTW -- Bob (N4BP) -- thanks for the contact in the contest. My 63 points
> will not threaten any serious effort (I might win for low score). Out of
> curiosity, were you QRO or QRP? Nice strong signal here on a less than
> optimal antenna (a 20m dipole outside the balcony).
Thanks also Marty, for the QSO. I was running the FT-1000MP at 5W to a
TH7-DXX at 45 feet. Stateside condx from south FL are generally good...
Helps to live in a swamp - just a few miles from the Everglades...

       73,

     Bob Patten, N4BP   Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________

E-Mail: n4bp@bc.seflin.org
Web Page: http://wg104a.wh.uni-stuttgart.de/~n4bp
Brass Pounder BBS: (954) 472-7715

Date: Tue, 13 Jan 1998 09:24:52 -0800
From: Harvey Laidman <Harveyl@outadaloop.com>
To: aweiss@sunflowr.usd.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [764] Re: Sling-shot vs tennis racket
Message-ID: <34BBA364.E3F608FB@outadaloop.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I guess it's time to donate my 2 cents! I have a "Launching Kit" from Antennas West.
It consists of a length of slippery, light-weight nylon line, a plastic bucket with real slick sides.
a round fishing weight and a tennis ball with a slit. The nylon line (it's really a 1/4" rope) is "draped"
loosely into the bucket, tied to the bucket handle. The weight is tied to the other end. Using the weight
as a "pendulum," it is hurled upward, and the slick line easily slithers down the other side of the tree.
I have launched wire antennas up to 65-90 feet in trees on my travels. Antennas West provides very
detailed instructions with their launching kit. Oh, yes, the tennis ball can be placed over the weight for
a bit of extra protection. My last number for them was (800) 926-7373
...Harvey, W8DX

Adrian Weiss wrote:

> Would a tennis ball have enough weight to pull a piece of string over a
> 100-ft branch?
>
> With respect to sling-shot: my biggest problem has been breaking the
> fishing line attached to an egg-sinker on launch. Must be an incredible
> amount of strain on the line. Point of diminishing returns occurs --
> increase the size of the line, decrease the height via increasing the line
> drag over branches.
>
> But there's nothing like a perfect clean shot over exactly the right

> target branch, with the line whistling off the spinning reel mounted on
> the handle of the slign-shot. It's a high of its own. But then again, have
> to be careful about the line fouling on the reel/slingshot once you
> release the reel's wind-up bracket -- in that case, you watch the sinker
> sail off into the blue, gracefully arcing over the tree to some
> undiscoverable nook in the grass.
>
> The life of a QRP'r is never dull, especially since there are about a
> thousand different antennas to try out, and a billion trees to try them
> on.
>
> 72 Ade W0RSP

--
--- Harveyl@outadaloop.com -- URL: HTTP://outadaloop.com ---

Date: Tue, 13 Jan 1998 12:02:48 -0600
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [765] QRPp
Message-ID: <34BBAC48.2209384E@tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

All,

good afternoon. Just got my QRPp. I didn't have all that much time to go over it, but started reading some of it. I think this issue alone is worth the $15 membership. I find that I read a number of ham publications. I think I more regularly find articles of true interest to me in this publication, than anyother publication. There are more mod info, general interest, and how to.

A great example is the great article on Oscilloscope use. I have used a scope for checking transmit power and tracing signals for a while, but really feel I know nothing about it. can't wait till I have enough time to really try all the things in the article.

The info on the HW9 was also very useful to me.

THANKS!

Been said before but, Doug and his group are truly amazing and deserve
every ham radio honor possible. I was very pleased to hear that they won
awards at Pacificon.

Jeff, AC4HF
--
Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
(615)372-3979

Date: Tue, 13 Jan 1998 18:05:20 +0000
From: Ed Loranger <we6w@qsl.net>
To: grwidma@edcen.ehhs.cmich.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [766] RE: Pixie2 question.
Message-ID: <34BBACE0.3C9D@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought my first one. I homebrewed a second for a friend.
And have now homebrewed a third one, that is the best!!!

Only buy the kit if you don't have much of a junk box.

Mods.... Well, I prefer manual rit. So get a switch and
permanently ground the xtal thru a 60 pF cap. Switch in
the .001 cap for RIT. The beauty of manual rit is you can use
either switch position to transmit and receive at the other spot!
Basically extends you frequency coverage. It is nice to note
the xtal is on its base frequency when grounded thru the .001 cap,
for FREQ spotting purposes.

I added 5 milliHenry Ferrite chokes to any jacks (Except the antenna :)
Do NOT use regular wirewound inductors, they pick up the Broadcast band
QRM by induction.

ADD a 250-470 uF bypass electrolytic for pin 6 of the LM386. Otherwise
you'll get audio problems. OH, make sure the LM386 is getting
sufficient
current, a current starved LM386 will otherwise be a great detector
for your local AM Radio station -- :)

I built mine using PC Board stock and built the circuit compactly using "ugly construction" or "Dead Bug" construction techniques. Also shielded
the oscillator and RF amp sections.

I later decided to run at 12.7 or so volts from a car battery and the LM386 had trouble. I've sinced changed R5 to 500 ohms, put in a 5.62 Volt zener at pin 6 of the LM386. MUCH BETTER!

ONE PROBLEM with HAVING a 470 uF cap on pin 6 -- The audio muting diode passes the current thru your keying circuit to ground. So I added a 100 ohm resistor in series with the muting diode and that keeps my keying relay from arcing. I'm planning to drive a sidetone with the voltage developed across the 100 ohm resistor during key down. We'll see...

Use a .1 uF capacitor at LM386 pin 6 too. I also added the little preamp on page 30 in the new QRPp. But you need to put a 1 Kohm resistor in the emitter leg. I put a 100 ohm resistor in series with the 10 uF cap between pis 1/8 of the LM386 to tame any overdrive problems
too.

I removed the 33 kOhm bleeder bias resistor in the power amp.

Ferrite beads and .1 bypass caps in the supply lines to both transistors.

Remember: The current starved LM386 causes many BC interference problems.
Be sure to put that 250 uF or so electrolytic at PIN 6. And if this doesnt help your audio, lower R5 a bit. Heck, just experiment!

It's fun.

Hope this is useful.
72/Ed Loranger, we6w

G.R. Widmayer wrote:
>
> Ed, I want to get the Pixie II going here soon as you have but have a
> couple of questions:
>
> 1. where did you get the Pixie II unit? Homebrew?
>
> 2. what were your mods.
>

> Many thanks, I can't wait to get mine!
>
> Gary/N8AYY

--
Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (From Non-Ham to Extra in one Day.)

Date: Tue, 13 Jan 1998 17:37:49 +0000
From: Ed Loranger <we6w@qsl.net>
To: guardian@mvtel.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [767] Re: QRPp
Message-ID: <34BBA66C.46FC@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got my issue in Monday's mail..... I was expecting it! Also waiting
to see the QRP-Q as well.

I already built the little audio preamp on page 30 of the QRPp.

I added a 1 Kohm emitter resistor to raise the input impedance and
it works most excellently in my pixie2!!!

Oh, for you pixie2 builders/users. One qso after another on mine!

Just be sure you are not current starving the LM386. I changed the
1 Kohm R5 to 500 ohms and also put in a 470 uF cap on pin 6 of the
LM386. Boy, my pixie2 is nice!

Next -- Sidetone!
-Ed

CHRIS wrote:
>
> When is the next issue of QRPp scheduled to be out?
> tnx chris

--
Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (From Non-Ham to Extra in one Day.)

Date: Tue, 13 Jan 1998 12:11:45 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: zlau@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [768] Re: Low Noise HF Amps?
Message-ID: <34BBAE61.1536DBCB@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Zack, I always read your "stuff" with great interest. Now, you have
really tickled my interest buds! What is the need/justification for such
a low-noise amplifier at HF? For receiving functions, isn't the
conventional wisdom that external noise precludes the need for low-noise
amplifiers?

BTW, I am well familiar with 1/f noise. Back in 1955-57 I did my
Master's thesis in EE at MIT on a theoretical system analysis of a
doppler pulse radar system that used what is now termed "direct
conversion" instead of normal i-f frequency conversion. As expected, the
1/f noise from the mixer and video amplifers was the determining factor
that degraded performance. But, surprisingly, the scheme was feasible
even back then with the active devices available. I christened the
architecture the Doppler Intermediate Frequency (DIF) system.

Zack Lau wrote:
>
> Anyone had any luck building <0.5 dB NF HF amplifiers?
>
> The best designs seem to come in around 1 dB--I think
> the available transistors are optimized for VHF/UHF and
> have 1/f noise problems at HF. By contrast, it isn't
> unusual anymore to have VHF preamps with 0.2 dB noise
> figures.

--
73, George
Amateur Radio W5YR
QRP-L #1373
AutoPOWER Systems
Fairview, TX

Date: Tue, 13 Jan 1998 11:29:52 -0700 (MST)
From: Brian Mileshosky <n5zgt@swcp.com>
To: Ron Smith <resmith@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [769] Re: Spud Gun
Message-ID: <Pine.SUN.3.91.980113112829.18451A-100000@kitsune.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Everybody,
  Here is a useful link for those curious about spud guns! Enjoy.

          http://www.naples.net/~nfn02711/spudway.html

72,
Brian, N5ZGT
Albuquerque, NM
1997 Newsline Young Ham of the Year
Worldradio Magazine's "Youth Forum" Columnist
http://www.swcp.com/~n5zgt

Date: Tue, 13 Jan 1998 17:09:11 -0000
From: "Stephen Sorrell" <ap036@detroit.freenet.org>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [770] It's Here
Message-ID: <01bd2045$f9249b40$b842b3c7@metronet.metronet.lib.mi.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRPp just arrived! There is joy in mudville.
de W8SFF, Steve
ap036@detroit.freenet.org

Date: Tue, 13 Jan 1998 10:40:40 -0800 (PST)
From: Bill Vodall <wa7nwp@bigsky.com>
To: qrp-l@lehigh.edu
Subject: [771] Re: Internet Access Phone Company QRP alternative

Message-ID: <199801131840.KAA09652@eagle.bigsky.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Gosh - with all the folks looking for additional phone lines
for low priced Internet access - you'd almost think that there's
some opportunity for Amateur Radio here...

TCP/IP on radio - a full time connection with no "monthly" charges.

It's been a lot of fun for me...

Heck - it even works with QRP transmitters.

73 - Bill, WA7NWP

Date: Tue, 13 Jan 1998 13:47:53 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [772] Re: Low Noise HF Amps?
Message-ID: <34BBB6D9.58EF@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A low noise IF amplifier really helps when trying to combine
a low system noise figure with high dynamic range. The dynamic
range problems on VHF can be even worse than on HF. Not only
can the background noise be low at a good location, but good
locations are often line-of-sight to other good locations.
--Zack Lau W1VT

Date: Tue, 13 Jan 1998 13:44:49 -0500
From: "Dave Rowe" <elim@ime.net>
To: <Harveyl@outadaloop.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [773] Re: Sling-shot vs tennis racket
Message-ID: <002e01bd2053$5ef179e0$23c15ad1@default>
MIME-Version: 1.0

Content-Type: text/plain;
     charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi All ,

They Have a web page at:
www.antennaswest.com

-----Original Message-----
From: Harvey Laidman <Harveyl@outadaloop.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, January 13, 1998 12:57 PM
Subject: Re: Sling-shot vs tennis racket

>I guess it's time to donate my 2 cents! I have a "Launching Kit" from
>Antennas West.
>It consists of a length of slippery, light-weight nylon line, a plastic
bucket
>with real slick sides.
>a round fishing weight and a tennis ball with a slit. The nylon line (it's
>really a 1/4" rope) is "draped"
>loosely into the bucket, tied to the bucket handle. The weight is tied to
the
>other end. Using the weight
>as a "pendulum," it is hurled upward, and the slick line easily slithers
down
>the other side of the tree.
>I have launched wire antennas up to 65-90 feet in trees on my travels.
>Antennas West provides very
>detailed instructions with their launching kit. Oh, yes, the tennis ball
can
>be placed over the weight for
>a bit of extra protection. My last number for them was (800) 926-7373
>...Harvey, W8DX
>
>
>Adrian Weiss wrote:
>
>> Would a tennis ball have enough weight to pull a piece of string over a
>> 100-ft branch?
>>
>> With respect to sling-shot: my biggest problem has been breaking the
>> fishing line attached to an egg-sinker on launch. Must be an incredible
>> amount of strain on the line. Point of diminishing returns occurs --
>> increase the size of the line, decrease the height via increasing the

line
>> drag over branches.
>>
>> But there's nothing like a perfect clean shot over exactly the right
>> target branch, with the line whistling off the spinning reel mounted on
>> the handle of the slign-shot. It's a high of its own. But then again,
have
>> to be careful about the line fouling on the reel/slingshot once you
>> release the reel's wind-up bracket -- in that case, you watch the sinker
>> sail off into the blue, gracefully arcing over the tree to some
>> undiscoverable nook in the grass.
>>
>> The life of a QRP'r is never dull, especially since there are about a
>> thousand different antennas to try out, and a billion trees to try them
>> on.
>>
>> 72 Ade W0RSP
>
>
>
>--
>--- Harveyl@outadaloop.com -- URL: HTTP://outadaloop.com ---
>
>
>
>

Date: Tue, 13 Jan 1998 10:45:44 -0800
From: Laura Halliday <ve7ldh@direct.ca>
To: qrp-l@Lehigh.EDU
Subject: [774] Huff and Puff, Mk. 2
Message-ID: <34BBB658.30886ACA@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anybody else had a go at building G3DXZ's latest Huff and
Puff implementation from the December RadCom? After ordering
some bits (74HC4060s don't appear to be available locally)
and etching a board from the file I downloaded from the RSGB
web site, it works beautifully. If I provoke it, I can get it
to hunt from one lock point to another. But afterwards, it
settles down and stays put. Nice!

...laura

Date: Tue, 13 Jan 1998 15:09:56 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, Laurel ARC <larc-l@webtrek.com>, eax@w3eax.umd.edu
Subject: [775] NF3I stuff for sale/QRP banquet/Century 21 fun
Message-ID: <Pine.LNX.3.95.980113150434.8002A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If anyone wants it via e-mail, I'll send it. HOWEVER, it's lengthy, and
can be found at MY NEW WEB SITE!!!!!

http://w3eax.umd.edu/~ham

The forsale list is

http://w3eax.umd.edu/~ham/sale.txt

On top of this, lots of info about the QRP banquet. Tickets will go on
sale toward the end of January.

My apologies for the lack of graphics...it will take a little time...

I've got this Century 21 I swapped for...I used to have one, and made only
a small handful of QSOs with it. Last night, I chatted on 40m with
someone in Michigan (QRPer, running 4w) and I was running 800 mW. Been a
while since I got to listen to the ol' Century rigs, and you know what?

They're really pretty nice, once you get used to direct conversion.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* http://w3eax.umd.edu/~ham * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Tue, 13 Jan 1998 14:13:31 +0000
From: Dale Scott <dcscott@us.ibm.com>
To: <qrp-l@Lehigh.EDU>
Subject: [776] Avoiding surcharges on phone lines
Message-ID: <503005000311885900002L592*@MHS>

MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

Hi Gang,

I've watched with interest the thread about surcharges on extra phone l=
ines.
I've got three lines to my house and am incurring no surcharges on them=
.
Perhaps it is because the three lines are listed in three different nam=
es. Not
a deliberate effort on my part to be cheap (I am) it just happened to w=
ork out
that way. Your mileage may vary.

72 - de kc7khd/dale

Dale C. Scott
IBM -- Engineering Technology Solutions
(206) 587-2784 8/277-2784

Internet: (work) dcscott@us.ibm.com
               (home) dcscott@ibm.net
OV/VM: dcscott@ibmusm54
=

Date: Tue, 13 Jan 1998 14:24:41 EST
From: MSU1972 <MSU1972@aol.com>
To: qrp-l@lehigh.edu
Subject: [777] Keyers
Message-ID: <310c6dc1.34bbbf7a@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Does anyone know the difference between the K1EL tuner (just ordered) and the
Tick2b? The K1EL has many options and costs $10 for the chip+board and needs
about $4.50 of Radio Shack parts.
tnx, David

Date: Tue, 13 Jan 1998 14:22:53 EST
From: MSU1972 <MSU1972@aol.com>

To: qrp-l@Lehigh.EDU
Subject: [778] QRP Tuners
Message-ID: <206ddc2.34bbbf0f@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I have a 38s and will be building a 40A - Q>What kind of tuners do you recommend using with these rigs. I received a Rainbow to build...what other options. I was considering using my MFJ QRP tuner, however, this seems to add more bulk than the QRP rig rig?
Thanks in advance for the assistance, David, KB8OCC

Date: Tue, 13 Jan 1998 15:48:30 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: cw@qth.net, eax@w3eax.umd.edu, Laurel ARC <larc-l@webtrek.com>, qrp-l <qrp-l@Lehigh.EDU>
Subject: [779] What it means to copy CW at high speed
Message-ID: <Pine.LNX.3.95.980113154317.8254D-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

At 20 wpm and slower, I have trouble copying. Really. I mean, I can DO it, but it's uncomfortable for me. Between 20 and 30 wpm I feel like I'm sitting around waiting for letters/etc. but I don't get too edgy. At 40 wpm, I start to get a little challenged on words I don't recognize.

It's funny. When you look at a page of printed text, it's just letters and spaces. However, the familiarity with groups of these makes them words. Like "words." It's surely not "w o r d s" to you, but "words."

Take the following word:

CANALICULUS

and try to pronounce without reading through it very, very slowly...it took me a while to get there, and only when I sounded it out did it make sense. Now, when I see it, it's "canaliculus," a word which describes the kind of mussel that is used in the manufacture of Maggie's hip dysplasia medicine (Maggie is my 75 pound / 35 kg dog).

I suspect that as we read, we scan across the word, taking in letters very quickly and looking fr a pattern match. If there IS no match, it gets cumbersome and laborious, and we have to SOUND it out. With practice, it becomes a part of the vocabulary, and becomes immediately decodable. The same is true, I suspect, with CW.

As the letters fly in, the mind puts them through a pattern matching. For instance, I'd know the word "this" at 100 wpm if I could separate the letters. I know for a fact that I know it at 60 wpm if I hear it.

It's the act of building a vocabulary - either grabbing a word at a time or a half-word at a time, and then finishing the word off, that makes us able to do REALLY high-speed CW. It's those words I DON'T know (fluently) that make me hiccough...the more I listen, the better I get.

...like to hear a few guys talking this morning about their airline pilot days, and the run from Spartanburg to Miami...I had to sound out Spartanburg a letter at a time, but after two times hearing it, it became contextual and thus easy to copy.

It's really quite neat - the chance to examine yourself as you learn a new language, much as you learned English!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* http://w3eax.umd.edu/~ham * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Tue, 13 Jan 1998 15:04:08 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:MSU1972@aol.com" <MSU1972@aol.com>
Cc: "Doc (W.D.) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP Discussion Group <qrp-l@lehigh.edu>
Subject: [780] QRP Tuners
Message-ID: <199801131507_MC2-2F28-1AAD@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

David:

I really like the ZM-1 from Emtech....now superseded by the ZM-2. The ZM-2 contains a "visual SWR indicator" (a la Dan Tayloe N7VE) and the whole things takes no power to run (eg, no batteries). Works just great. Is fast, light weight, portable, effecient--everything we need when on the road.

I actually use the ZM-1 and a separate N7VE indicator even when at the fixed QTH. Tonight, for instance, will use it for utmost efficiency during the FOX hunt :-).

Just my $.02 worth. Others will doubtless have other ideas for you. Good luck with all this.

72/73,
--Doc/K0EVZ qrp-l 861   Rochester, MN--Home of the Mayo Clinic

---

Date: Tue, 13 Jan 1998 13:12:22 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: qrp-l@Lehigh.EDU
Subject: [781] Argo 509 Station FS
Message-ID: <3.0.1.32.19980113131222.006d1af4@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings,

  Time to make room ! make room !

Ten-Tec Argonaut 509 station for sale, complete with 208 filter and 405 amp. I would rate the condition 8 of 10 with the filter being 9 of 10.

$300 plus shipping.

email me at jaevans@codenet.net

thx es 73/72 - john - n0hj

John A. Evans   Chief Systems Administrator
Office: (719) 528-1800 x164   Titan Software Systems
Fax: (719) 528-1888   1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp   #15   NJ-QRP #50   AK-QRP   #52   NW-QRP #454 FISTS #3184
Personal Web Page: http://www.geocities.com/capecanaveral/9773/

Date: Tue, 13 Jan 1998 13:20:16 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: qrp-l@Lehigh.EDU
Subject: [782] Ramsey FX50 xcvr kit FS
Message-ID: <3.0.1.32.19980113132016.006a2e48@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings,

  Ramsey FX50 6meter FM xcvr kit with case for sale, unassembled,
$75.

email - jaevans@codenet.net

thx es 73/72 - john - n0hj

John A. Evans   Chief Systems Administrator
Office: (719) 528-1800 x164   Titan Software Systems
Fax: (719) 528-1888   1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp   #15   NJ-QRP #50   AK-QRP   #52   NW-QRP #454 FISTS #3184
Personal Web Page: http://www.geocities.com/capecanaveral/9773/

Date: Tue, 13 Jan 1998 12:33:19 -0800 (PST)
From: David J Adams <adamsclan@netgate.net>
To: jaevans@codenet.net, qrp-l@Lehigh.EDU
Subject: [783] Re: Ramsey FX50 xcvr kit FS
Message-ID: <199801132033.MAA17434@u1.netgate.net>

I'd like to buy this if available.

Dave

Date: Tue, 13 Jan 1998 15:32:00 -0500
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [784] Single lever paddles - what's available?
Message-ID: <m0xsCzY-000ZmkC@mgate.arrl.org>

Hi All,
        I've decided that I want to try using a single lever paddle with my keyer to force non-iambic operation (chalk it up to nerves maybe, but I always slip in a few extra dits and dahs where I didn't mean to). I'd like to find out what is available, so I can pick one that I think would work well for me.

I've seen the Bencher and Vibroplex models (I used to have a Vibrokeyer, but sold it without ever using it because I didn't like the feel of the dash side), but I would like to know what else is available. I've even been toying with the idea of making one, but I've got so many "projects in progress" now that I'd rather not take on another just yet.   :-)

Suggestions?

73, Michael Tracy, KC1SX

Date: Tue, 13 Jan 1998 16:07:50 -0500 (EST)
From: n4js@pobox.com
To: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [785] RE: QRP Tuners
Message-ID: <XFMail.980113160750.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 13-Jan-98 "W. D. (Doc) Lindsey" typed:
>David:
>
>I really like the ZM-1 from Emtech....now superseded by the ZM-2. The ZM-2
>contains a "visual SWR indicator" (a la Dan Tayloe N7VE) and the whole
>things takes no power to run (eg, no batteries). Works just great. Is
>fast, light weight, portable, effecient--everything we need when on the
>road.

Especially if you use open wire/ladder line, the ZM-1/ZM-2 can't be beat, and the price is VERY reasonable ($49, if I remember right). I built one of the last of the ZM-1's and really like it.

Sent at 16:07:50 on 13-Jan-98

 _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | | _ | |/ __| n4js@qsl.net   NJ Grid:FM29LN
| .` ||_ _|| || |__ \   http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
|_|_| |_| __/ |___/   QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Tue, 13 Jan 1998 13:02:42 PST
From: "Ray Lowe" <wd5dhk@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [786] Re: Sling-shot vs tennis racket
Message-ID: <19980113210243.15905.qmail@hotmail.com>
Content-Type: text/plain

o.k. here is another method that will work for letting the antenna fly. If you can find an old transformer(I used a 120v to 12v @ 2 amp), You can tie fishing line to it. Then , you swing it like a pendulum and let it fly. My current antenna is at about 30' using this method to get it into the trees in my yard .
72 Ray wd5dhk

_____
Get Your Private, Free Email at http://www.hotmail.com

Date: Tue, 13 Jan 1998 16:10:52 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [787] Re: Low Noise HF Amps?
Message-ID: <34BBD85C.213C@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One of the benefits of working on true amateur projects
is that you don't need a justification for spending
lots of time and money on something :-)   Zack W1VT

Date: Tue, 13 Jan 1998 15:03:19 -0600
From: "Roger Whitaker [K9LJB]" <k9ljb@iname.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [788] Re: What it means to copy CW at high speed
Message-ID: <34BBD696.D57E79FD@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott, I agree with your observations. When I was on the air in my (first) hayday in the late 50's and through 60's I operated little CW and it was a struggle at 13 WPM for me when I did. Later when I got married and we started having kids and I started doing consulting work at home in the evenings and weekends to keep ends meeting, the ham radio thing got to be a rare thing on any mode. I found, though, that I occasionally liked to have the receiver in the work/ham shack turned on (to help keep the caps in the old 75A2 in shape) and tuned somewhere in the bottom end of 40 or sometimes 20 just running in the background without the filters. It seemed like I would get some of the conversation going on.

A few years ago when I decided to get active on 20 meter mobile through the aquisition of the MFJ9020, the first day I had it in the car and was tuning around I happened to catch W1AW doing their code parctice. I thought, well this isn't too bad, I am getting most of this. Then they said, "QRX.... now beginning 25wpm"!!! Hmmm, I never copied that speed in my life what is going on? It was the "soaking in" through the intervening time and learning, unconsciously, the words as an entity and word parts, just as you describe, Scott.

Isn't the human mind a weird and wonderful thing? (I know mine is weird, just ask the ex-wife :-)

72 K9LJB

http://www.cityscape.net/~whitaker

Date: Tue, 13 Jan 1998 15:10:19 -0600
From: "Roger Whitaker [K9LJB]" <k9ljb@iname.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [789] Re: What it means to copy CW at high speed
Message-ID: <34BBD83B.1D8350C6@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott, I agree with your observations. When I was on the air in my (first) hayday in the late 50's and through 60's I operated little CW and it was a struggle at 13 WPM for me when I did. Later when I got married and we started having kids and I started doing consulting work at home in the evenings and weekends to keep ends meeting, the ham radio thing got to be a rare thing on any mode. I found, though, that I occasionally liked to have the receiver in the work/ham shack turned on (to help keep the caps in the old 75A2 in shape) and tuned somewhere in the bottom end of 40 or sometimes 20 just running in the background without the filters. It seemed like I would get some of the conversation going on.

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Isn't the human mind a weird and wonderful thing? (I know mine is weird, just ask the ex-wife :-)

72 K9LJB

http://www.cityscape.net/~whitaker

PS: I am having trouble on this end with my mail client program setup on this new laptop so I apologize if this is posted to the group more than once, I can't tell yet. Roger..

Date: Tue, 13 Jan 1998 13:21:37 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [790] Spud-Pistol Maybe?
Message-ID: <34BBDAE1.8C058585@psnw.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

Having followed the latest Spud Gun Antenna Launcher thread, I have to wonder if a scaled down version might be more practical. A device that can propel a potato at 190 mph for a distance of 100 yards is certainly overkill for antenna work. Has anyone attempted to build a "baby" spud gun (or spud pistol)? Wouldn't that be better from the ham's standpoint?

Date: Tue, 13 Jan 1998 21:35:12 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [791] Problems with QRPp magazine --> NONE!
Message-ID: <34BBDE0F.302D@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well Done Folks!

The magazine wasn't even 2 hrs old when I built the little
audio preamp on page 30.

But there are a few problems:
  1) If you leave it at home, you can't read it at work.
  2) If you take it to work, you won't get any work done.
  3) If you put it next to your rig, you won't be operating.
  4) If you open it up, you'll miss dinner.

These are the kind of problems I wish I had more of.

Thanks Norcal!

Gratefully Yours,
Ed Loranger, we6w

--
Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR

http://www.qsl.net/we6w (From Non-Ham to Extra in one Day.)

Date: Tue, 13 Jan 1998 16:34:42
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [792] antennas in trees
Message-ID: <3.0.1.16.19980113163442.5a8f5a42@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All,
Why not just climb the pine trees? That's what I did. My dipole is up
there about 45 feet in a couple of pine trees.

73,
Arnold kd5ckh

Date: Tue, 13 Jan 1998 21:42:29 +0000
From: Ed Loranger <we6w@qsl.net>
To: wd5dhk@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [793] Re: Sling-shot vs tennis racket
Message-ID: <34BBDFC5.793D@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ray Lowe wrote:
>
> o.k. here is another method that will work for letting the antenna fly.
> If you can find an old transformer(I used a 120v to 12v @ 2 amp), You
> can tie fishing line to it. Then , you swing it like a pendulum and let
> it fly. My current antenna is at about 30' using this method to get it
> into the trees in my yard .
> 72 Ray wd5dhk
>
> ____
> Get Your Private, Free Email at http://www.hotmail.com

Of course, this method only works when putting up
antennas for boatanchors!
-Ed
--
Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (From Non-Ham to Extra in one Day.)

Date: Tue, 13 Jan 1998 13:47:09 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <ham@w3eax.umd.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [794] Re: What it means to copy CW at high speed
Message-ID: <01bd206c$cc2d2770$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Scott --

It has taken me nearly thirty years to learn what you just explained in one short message.

For years I struggled to overcome the wall I hit at 35 wpm. Maybe struggled is too strong a word, because I guess I didn't try too hard since 35 wpm is good enough most of the time. Eventually, a few truths got through this thick head of mine, however. First, I would have to convert to head copy because I just cannot write faster than 35 wpm, nor can I copy to a keyboard any faster. Second, I had to stop listening to the letters go streaming by my ears.

Once I figured these things out, I found that the 35 wpm wall is not as high as I once thought. Now, whenever I come across a QSO at 40 wpm or more, I stop and eavesdrop. I discovered that one doesn't copy characters at high speed, but whole words, just like you said.

Because of that, the QSO takes on a whole new character (:-). It is much more conversational, and abbreviations are a hindrance instead of a help. In fact, abbreviations are like poor grammar in written communications. They force your mind to stop and decipher the intended meaning behind the incorrect words, and you lose time and the flow of the conversation.

I'm still working on my word vocabulary, but I'm starting to feel a little more confident about jumping into a QSO at higher speed.

Where were you thirty years ago when I needed to learn this lesson?

On a similar thread, my seven-year-old daughter now has three morse code letters in her knowledge base. I've been subtly conditioning her with whistled morse, and she has started to make the connections. I haven't explained the concept of dots and dashes or dits and dahs. I just make the whole character and tell her what it is. It's a game for her, and she thinks it's neat!

Does anyone have any suggestions for training a young child in morse code?

Mike K1MG

Date: Tue, 13 Jan 1998 21:53:30 +0000
From: ea8yu Goran <rodriguez@jet.es>
To: qrp-l@Lehigh.EDU
Subject: [795] Re: Learn English Before Writing
Message-ID: <1.5.4.32.19980113215330.006a7d64@jet.es>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Should a non-English-mothertounge ham perhaps keep quite on this list?
Goran ea8yu

Date: Tue, 13 Jan 1998 21:53:32 +0000
From: ea8yu Goran <rodriguez@jet.es>
To: qrp-l@lehigh.edu
Subject: [796] Re: What it means to copy CW at high speed
Message-ID: <1.5.4.32.19980113215332.00671dd0@jet.es>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

But what do you do about callsigns (not your own, of course) when copying high speed?

Saludos
Goran ea8yu

Date: Tue, 13 Jan 1998 16:56:58 -0500
From: Ed <edn4pk@VoyagerOnline.net>
To: ko7i@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [797] Re: Spud Gun launcher. . . ?
Message-ID: <34BBE32A.C2B64BF9@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well cant beleive that there is someone that doesnt know what
a "spud" gun is. Next thing wll be that he aint ever heard of
pinto beans, corn bread and collard greens fer supper....My oh
my. Well you see you take some PVC pipe (about 2" dia works
great) and you drill a small hole in one end stick a spud down
the tube, a little Coleman fuel and you gots a spud
gun.....Lotta fun specially when ther aint nothin to work on
the bands....If you cant find any PVC pipe, beer cans ducted
taped together work as well hihi
Later Ed N4PK..Chickamauga,Ga.
p.s. I'm a Yankee and have been taken as a POW and am being
force fed biscuits and gravy if any one trys to help me escape
I'll cut your coax
BTW thanks all for the bandwidth and I apolgize for the lack
of QRP related subject material...
But we all need to chuckle once in a while....72/73 ..

Date: Tue, 13 Jan 1998 17:05:31 -0500
From: Ed <edn4pk@VoyagerOnline.net>
To: whalen@swcp.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [798] Re: Spud Gun
Message-ID: <34BBE52B.80A9D8BE@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom my wife wants to know "What type of spud do you use "An

Idaho baker or what"???
BTW Coleman fuel gives you more bang for the buck....
Ed N4PK

Date: Tue, 13 Jan 1998 16:17:30 -0600
From: John Sullivan <sullivjd@sound.net>
To: qrp-l@Lehigh.EDU
Subject: [799] Re: Sling-shot vs tennis racket
Message-ID: <34BBE7FA.7774@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ray Lowe wrote:
> If you can find an old transformer(I used a 120v to 12v @ 2 amp)...

I tried a 1.5" Greenlee hole punch (thinking it more manageable than a 12v @ 2 amp xfmr), but it got stuck in the tree. It was up there for about two months. We lived in fear of getting conked while mowing, playing croquet, or filling the bird feeders. I was out there when it finally dropped. Missed the cat by two meters. Made her day.

Finally got the antenna up by enlisting my son (6'3", age 15). He has the arm to pitch one half of a brick over the silver maples (age 30) from a station on the roof. One word of caution...be sure to ask the neighbors to move their cars before the boy winds up. D'oh!

Date: Tue, 13 Jan 1998 15:11:09 -0700
From: "Ron Smith" <resmith@primenet.com>
To: <edn4pk@VoyagerOnline.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [800] Re: Spud Gun launcher. . . ?
Message-ID: <003601bd2071$a995c500$2e22a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well Ed, I ain't ashamed to admit it -- I live in the Spud State capital and until I read the thread (pun intended) I ain't never heard of no spud gun. Now beans OTOH them beans is staples, right? :-)

72

Ron Smith

Amateur Radio Callsign: KD7VD
Southwest Idaho
E-mail: resmith@primenet.com
QRP-L #1291

-----Original Message-----
From: Ed <edn4pk@VoyagerOnline.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Date: Tuesday, January 13, 1998 2:59 PM
Subject: Re: Spud Gun launcher. . . ?

>Well cant beleive that there is someone that doesnt know what
>a "spud" gun is. Next thing wll be that he aint ever heard of
>pinto beans, corn bread and collard greens fer supper....My oh
>my. Well you see you take some PVC pipe (about 2" dia works
>great) and you drill a small hole in one end stick a spud down
>the tube, a little Coleman fuel and you gots a spud
>gun.....Lotta fun specially when ther aint nothin to work on
>the bands....If you cant find any PVC pipe, beer cans ducted
>taped together work as well hihi
>Later Ed N4PK..Chickamauga,Ga.
>p.s. I'm a Yankee and have been taken as a POW and am being
>force fed biscuits and gravy if any one trys to help me escape
>I'll cut your coax
>BTW thanks all for the bandwidth and I apolgize for the lack
>of QRP related subject material...
>But we all need to chuckle once in a while....72/73 ..
>
>
>

Date: Tue, 13 Jan 1998 17:24:12 -0500
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@lehigh.edu>
Subject: [801] Re: Low Noise HF Amps?
Message-ID: <34BBE98C.3B2BE469@cycat.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm not certain about this, but I think it might be an
advantage to have a receiver noise figure lower than the
atmospheric noise, especially if you are using DSP to look
at signals below the noise floor.

I think there is no such thing as a reciever that is too
quiet, or has too much dynamic range. :-))

michael N6CHV

zlau@arrl.org wrote:
>
> One of the benefits of working on true amateur projects
> is that you don't need a justification for spending
> lots of time and money on something :-)   Zack W1VT

Date: Tue, 13 Jan 1998 22:24:37 +0000
From: Ed Loranger <we6w@qsl.net>
To: mgipe@reliablemeters.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [802] Re: What it means to copy CW at high speed
Message-ID: <34BBE9A5.49F4@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael A. Gipe wrote:
>

> Where were you thirty years ago when I needed to learn this lesson?
I know where I was, Grade school. :)
>
> On a similar thread, my seven-year-old daughter now has three morse code
> letters in her knowledge base. I've been subtly conditioning her with
> whistled morse, and she has started to make the connections. I haven't
> explained the concept of dots and dashes or dits and dahs. I just make the
> whole character and tell her what it is. It's a game for her, and she
> thinks it's neat!
>
> Does anyone have any suggestions for training a young child in morse code?

Mike, my seven year old daughter is doing the same thing. I've kept her motivated by doing the following.

1) Build or buy her her own CPO. Refer to it as "hers". And let her put it away near your ham gear.

   1.a) It is so cute when she comes out to the garage and says to me, "Daddy, help me get my beeper out from the shelf."

2) Get a group of letters that you can form many words from. Put them on paper along with the dits/dahs for each character. After practicing, encourage her to make different words from the letters and help her form them. Then have her send them in code.

3) When she's done. She's done. And you'll notice that she will try to put "her" cpo away somewhere safe, and in "your area". This is cute. Even if she normally doesn't care for things well, you'll notice she will take good care of the CPO.

4) Stay in the area and offer encouragement. "Hey, you are doing great!" Also have your radio on. Let her here where she can go with her code. Also explain your qso's while shes playing on the cpo. Straight language: "Just talked with Rich, he's got an antenna like mine and is using this straight key" (Show her another key) And let her do the paddles or bug to try something different.

5) One more thing. She's really trying to get into your area. So get her a little chair and table or second chair to work on. She just wants to be "let in" on your hobby.

This seems to generate interest at my house. Realizing that their are other goals, the code, being in "Dad-it's" area, and doing big-kid stuff without getting in the way.

Luvin' it at my qth.
-Ed

--
Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (From Non-Ham to Extra in one Day.)

Date: Tue, 13 Jan 1998 22:30:58 +0000
From: Werner Jochem <Werner.Jochem@hoexter.netsurf.de>
To: msebrakr@telepath.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [803] Re: antennas in trees
Message-ID: <34BBEB22.3D5B0D68@hoexter.netsurf.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger Braker wrote:

> Hi All,
> Why not just climb the pine trees? That's what I did. My dipole is up
> there about 45 feet in a couple of pine trees.
>
> 73,
> Arnold kd5ckh

Arnold, I am full of admiration for your climbing activities. But I have to confess I belong to the small group of these pitiable radio amateurs who are getting epileptic spasms or lose consciousness every time I am at the lower end of a 10 feet ladder.
73 Joe

D K 7 V W - N 7 V W
ARRL * DARC * AGCW-DL * DIG * DL-QRP-AG * G-QRP-CLUB * HSC * QRP ARCI * RTC

Werner 'Joe' Jochem   Phone: +49 5271 8577 Fax: +49 5271 921792
Postweg 20   Ax.25: DK7VW @ DK0MAV.#NDS.DEU.EU
D-37671 Hoexter   Email: Werner.Jochem @ hoexter.netsurf.de

Bach, Beethoven, Mozart, Morse !

Date: Tue, 13 Jan 1998 15:37:57 -0800
From: Brian Kassel <bkassel@dancris.com>
To: n4js@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [804] Re: QRP Tuners
Message-ID: <34BBFAD5.2F96@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

n4js@pobox.com wrote:
>
> On 13-Jan-98 "W. D. (Doc) Lindsey" typed:
> >David:
> >
> >I really like the ZM-1 from Emtech....now superseded by the ZM-2. The ZM-2
> >contains a "visual SWR indicator" (a la Dan Tayloe N7VE) and the whole
> >things takes no power to run (eg, no batteries). Works just great. Is
> >fast, light weight, portable, effecient--everything we need when on the
> >road.
>
> Especially if you use open wire/ladder line, the ZM-1/ZM-2 can't be beat, and
> the price is VERY reasonable ($49, if I remember right). I built one of the
> last of the ZM-1's and really like it.

I very much agree with David and John. I also have 2 ZM-1's, and always
get
great results. It has done very well in all lab tests that I have seen.
The ZM-2 with the added SWR bridge has got to be a real hit. I have
built
several of the N7VE SWR bridge units, and the simplicity and
effectiveness
can't be beat.

Brian Kassel W5VBO
ARCI # 3623
Phoenix AZ ScQRPions

Date: Tue, 13 Jan 1998 16:43 -0600 (CST)
From: Bill Simpson <Bill.Simpson@MCI.COM>
To: qrp-l@Lehigh.EDU, alexh@ipa.net
Subject: [805] Learn English Critique???
Message-ID: <19980113224736.FNRB6587@[166.35.185.86]>

Marcus Leatham wrote:

Alex:

Honestly, I don't think any magazine would publish an article from one
as ignorant as you. The magazines don't want to spend a lot of time
editing grammar and spelling mistakes or inserting those little '[sic]'
notations to show that the mistake was yours. Of course, if you spent
more time operating CW, you might learn how to spell.

Marcus - KR5N,

You certainly killed that article with your critique and editing skills.
I'm not sure it was fair to dash his aspirations in public.

By the way how do YOU spell conjunction??

 Don't begin a sentence with a conjuntion!
>   each segment of our society has an inalienable right of access
>   to a portion of the radio spectrum sufficient to meet their
>
          And there is the rub.
   Don't begin a sentence with a conjuntion!
>
       timate claims to it's use. But we all know governments are not
   Don't begin a sentence with a conjuntion!

  tion characteristics available within the range. But, what
   Don't begin a sentence with a conjuntion!
>
      tion. But then you notice that about half of the ham allocation
   Don't begin a sentence with a conjuntion!
>
       proportion to their apparent needs and usage. And with the
   Don't begin a sentence with a conjuntion!
>

These lines were especially appropriate.....

The rest of your discussion dealing with numbers is bullshit
 As previously noted, your numbers are bullshit

This is a forum for constructive discussion, not for public lashings.

Bill N5CMI

Date: Tue, 13 Jan 1998 14:50:24 -0800 (PST)
From: Bill Urie <burie@linknet.kitsap.lib.wa.us>
To: qrp-l@lehigh.edu
Subject: [806] qrp gear
Message-ID: <Pine.GSO.3.96.980113144642.16976B-100000@linknet.kitsap.lib.wa.us>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

FS MFJ 9020 and 9040 5w cw qrp xcvrs with audio filters installed
$125 each +shipping.   Bill W7XV

Date: Tue, 13 Jan 1998 15:10:54 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [807] Real open wire line
Message-ID: <34BBF47E.15472466@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've been using ladder line for some time. It works quite well, except
that the tuning changes significantly when it gets wet. I know about
waxing it, and I know numerous ways to make real open-wire line (hair
curler spreaders, etc.)

What I want to know is this: It used to be possible to buy some open
wire line with about 2" spacing and little plastic spreaders. Does
anyone know of a source for this stuff (or similar) any more?

By the way, if I don't get the fox again tonight, I'm going to be _very_
upset. Just so everyone knows.

Vic K2VCO
Fresno CA

Date: Tue, 13 Jan 1998 18:10:29 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: MSU1972 <MSU1972@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [808] Re: QRP Tuners
Message-ID: <Pine.SOL.3.94.980113180018.79C-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 13 Jan 1998, MSU1972 wrote:
> I have a 38s and will be building a 40A - Q>What kind of tuners do you

> recommend using with these rigs. I received a Rainbow to build...what other
> options. I was considering using my MFJ QRP tuner, however, this seems to add
> more bulk than the QRP rig rig?
> Thanks in advance for the assistance, David, KB8OCC
>
The best type of tuner to use depends larely on the antenna(s) you plan to
use.

If your antenna(s) are single ended, such as 1/4 wl verticals, end-fed
wires, inverted Ls, etc., then a network tuner, like the C-L-C Tee and its
variants should work fine.

If your antennas are balanced multi-band antennas, such as the 135', 102',
or 67' center-fed doublets with parallel transmission line, then the best
tuners are balanced, usually link-coupled ATUs, of which the Z-match is
the most common QRP design.

Single-ended network tuners using balun transformers at the output can be
used with balanced lines, but may show losses on some bands, since the
usual 4:1 balun transformer is not optimum for all impedances a multi-band
doublet may present.

For field use, the ultraminiature ATUs for QRP are fine--a compromise
between tuner losses and carrying weight. For home use, if space permits,
a larger tuner with higher Q coils and capacitors is better.

This is a quick summary of a lot of considerations, and some folks will
disagree with some points along the way. However, I hope it may be useful
to you in your ATU selection. No brand names are given, so that you can
pick your brand once you have set up your own needs and specifications.

-73-

LB, W4RNL


```
 L. B. Cebik, W4RNL          /\  /\     *   /  /    /     (Off)(423) 974-7215
 1434 High Mesa Drive       /  \/  \/\     ----/\---      (Hm) (423) 938-6335
 Knoxville, Tennessee      /\   \   \ \   /  / || /       (FAX)(423) 974-3509
 37938-4443     USA       /  \   \   \ \       ||               cebik@utk.edu
  QRPARCI 2572   G-QRP 7203   CQC 125   NEQRP 347   NORCAL 1111   MIQRP 1432
   NWQRP 401     ARRL Life: Technical & Educational Advisor     10-10 41159
    QCWA 13211      scQRP 28      CW Ops QRP Club (VK) 476      FISTS 2600
```

Date: Tue, 13 Jan 1998 23:17:21 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [809] Mechanical Filters: HOW TO BUILD?
Message-ID: <34BBF601.7122@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joseph Carr in Secrets of RF Design has his homemade
mechanical filter in the book. He has given just enough
information in this particular chapter to get me to thinking
about making my own mechanical filter.

So can anyone provide a information source, i.e. perhaps an
individual, who has actually built and aligned his/her own
mechanical filter.

I am most interested in making my own stuff.

OH, had the Les Logan Speed-X bug on the air for many hours
Sunday and Monday. It was much fun. I'm practicing going
back and forth from the bug to the paddles and getting better
at not bouncing the thumb on the paddles.

Based on comments, and lengthy qso's, I am very readable. Of course
it helps to keep the heavy weight out at the end of the reed to
keep my sending under control :^)

Will keep at it. Already noticing that I have my own
"Signature" already. But trying to avoid that until I've proven
myself "worthy" of the swing. I.E.: When the heavy weight isn't
needed, maybe then I'll be good enough to evaluate myself.

Later Hounds.
Foxii Tonite! 72/Ed
--
Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (From Non-Ham to Extra in one Day.)

Date: Tue, 13 Jan 1998 18:28:48
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU

Subject: [810] Re: Huff and Puff, Mk. 2
Message-ID: <3.0.3.16.19980113182848.2be72bbc@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Has anybody else had a go at building G3DXZ's latest Huff and
>Puff implementation from the December RadCom? After ordering

Sure would like to see a copy of this device, any chance someone could post
me a copy? Many thanks if you could.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Tue, 13 Jan 1998 18:31:18 -0500
From: "Gleason, William Lyle, JR (Lyle)" <wlgleason@lucent.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [811] 38 Special
Message-ID:
<c=US%a=_%p=Lucent%l=NJ0319EXCH00-980113233118Z-56602@nj0319exch001p.wins.lucent.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

If anyone is willing to part with an unbuilt 38 Special please e-mail me
directly with your offer. Thanks.

73

Lyle Gleason, WB4JLY
wlgleason@lucent.com

Date: Tue, 13 Jan 1998 16:34:57 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [812] Re: Learn English / Foreign Tongues
Message-ID: <199801132334.QAA28243@usr08.primenet.com>

Howdy,

Goran (EA8YU) wrote:
>
> Should a non-English-mothertounge ham perhaps keep quite on this list?

Heck no! Most of the "secondary English" speakers
probably speak better than alot of us native speakers
anyway. :-)

It's also fun reading the occassional Spanish note
here. Since those EA club announcements come in both
English/Spanish, it's sort of like a Rosetta Stone I
can use to pick up some Spanish. Which *may* just
help me understand what those SSB ops are saying when
they clobber the Fox. :-)

Maybe I should start practicing my French for when
10/12m really opens up. Sure would fun calling "CQ
CQ CQ, c'est AB7TT" on SSB and having Tahiti/Vietnam/
Fr. Guyana answer up! "Je m'appele Joe, je suis une
pomme de terre...." (Uh wait... well... maybe it's
true... ;-))

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What, a raw frog?!? Don't you even take the bones out?!?"
"If we took the bones out they wouldn't be crunchy, would they?"

Date: Tue, 13 Jan 1998 17:36:49 -0600
From: Rod Logsdon <bike4life@bikerider.com>
To: qrp-l@lehigh.edu
Subject: [813] FS: MFJ-9020
Message-ID: <34BBFA91.E94943E9@bikerider.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

MFJ-9020 20 mtr QRP rig. Original manuals and packaging.

Asking $100 + shipping.

Rod ... WK9T

bike4life@bikerider.com

Date: 13 Jan 98 16:40:48
From: "mahlon.r.haunschild" <mahlon.r.haunschild@ac.com>
To: ea8yu goran <rodriguez@jet.es>
Cc: "low power amateur radio discussion" <qrp-l@Lehigh.EDU>
Subject: [814] Re: Learn English Before Writing
Message-ID: <9801132336.AA4276@notes2.compuserve.com>
Mime-Version: 1.0
Content-Type: Text/Plain

Absolutely not! Speak out!

rodriguez @ jet.es (ea8yu Goran) (Mailed by: rodriguez @ jet.es (ea8yu Goran)
@ internet)
01/13/98 09:53 PM EST
To: qrp-l@lehigh.edu ("low power amateur radio discussion") @ internet
cc: (bcc: Mahlon R. Haunschild)
Subject: Re: Learn English Before Writing

Should a non-English-mothertounge ham perhaps keep quite on this list?
Goran   ea8yu

Date: Tue, 13 Jan 1998 18:39:08
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [815] spud guns and coleman fuel
Message-ID: <3.0.1.16.19980113183908.3e0ff66c@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Tue, 13 Jan 1998 18:17:58
>To: qrp-l@lehgih.edu
>From: Roger Braker <msebrakr@telepath.com>
>Subject: spud guns and coleman fuel
>
>Hi All,
>I have heard that some people use hair spray, coleman fuel, sterno

bottles, gun powder, ect. It seems to me that anything but hair spray would be dangerous(coleman fuel, gun powder, sterno ect). But maybe hair spray has more explosion power that I though??? Dangerous, as in the pvc(or ABS pipe) exploding and you start losing fingers and hands. A couple of ENGINERS I read about on the web used liquid nitrogen... no thank you.
>
>
>
>73,
>Arnold kd5ckh

Date: Tue, 13 Jan 1998 18:25:28 -0500
From: n9qil@juno.com (Kenneth R. Wezeman)
To: qrp-l@Lehigh.EDU
Subject: [816] Re: Slingshot vs. tennis racket
Message-ID: <19980113.184155.11566.0.N9QIL@juno.com>

I bought one of the Antennas West launchers and my first thought was, "What a rip-off." Then I used it. It works. It's simple. I love it!

Ken
N9QIL

Date: Tue, 13 Jan 98 13:42:31 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@lehigh.edu
Subject: [817] best backpack rig
Message-ID: <9801132342.AA02293@krypton.nmr.Hawaii.Edu>

I have some nice QRP rigs, but they are in the tubby category.

Could someone recommend something in the sprint class? Low current drain, small size, light, small battery pack, maybe 1-2 watts, either on 40 or 20 meters?

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
 HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

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Date: Tue, 13 Jan 1998 18:49:53 -0500 (EST)
From: Mike Duke <K5xu@cris.com>
To: Marty Watt <mwattcpa@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [818] Re: NO CB beacon
Message-ID: <Pine.SUN.3.96.980113184817.21518G-100000@mariner.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I wasn't around this past weekend, but over Christmas, I noticed that it
was in whenever the band was open to w2/w3 from Mississippi.

I also noticed that it often moved around the band.

What a waste of engineering!

72/73,
Mike

AMATEUR RADIO STATION K 5 X U
Jackson, Mississippi

End of QRP-L Digest 969
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